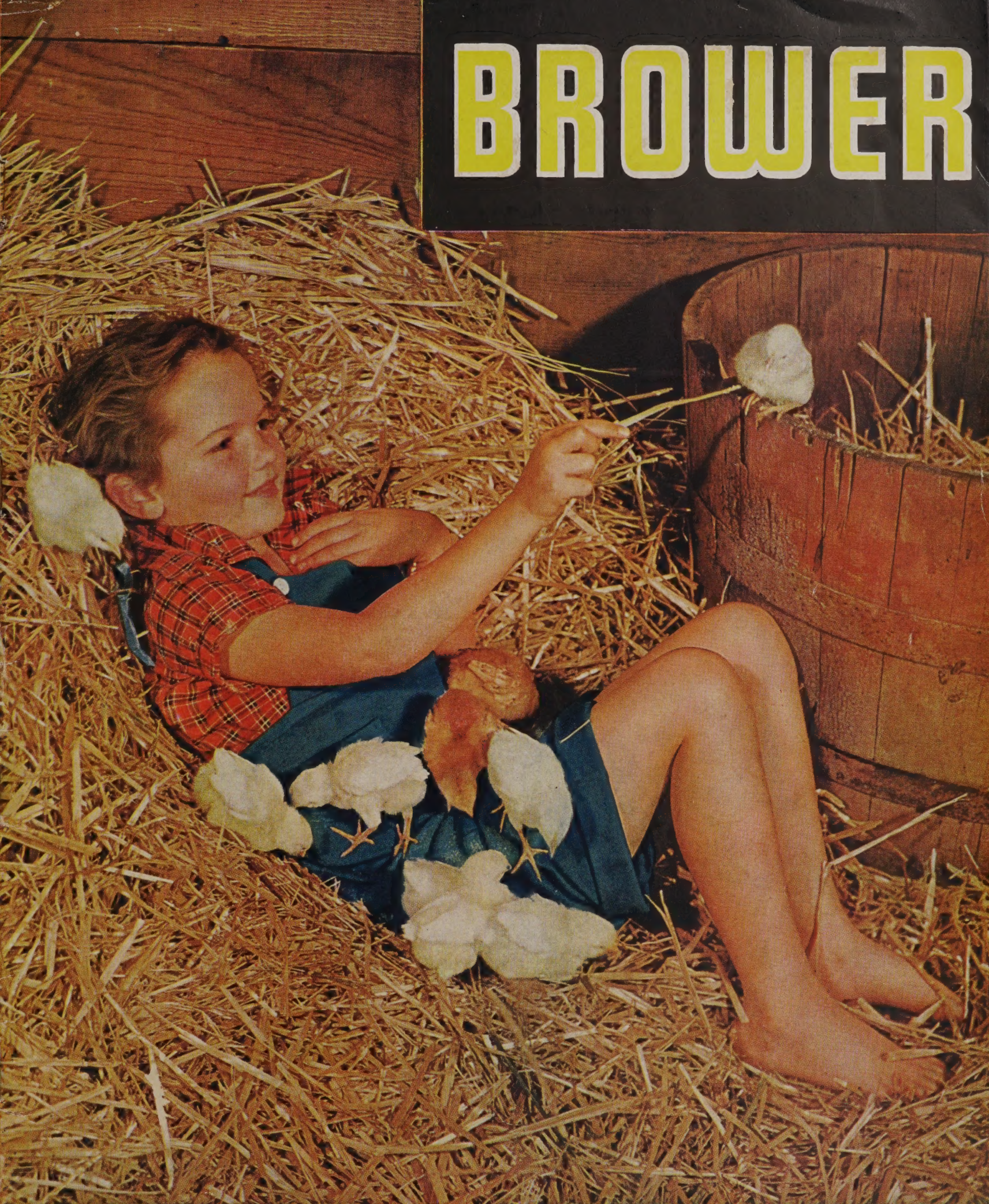
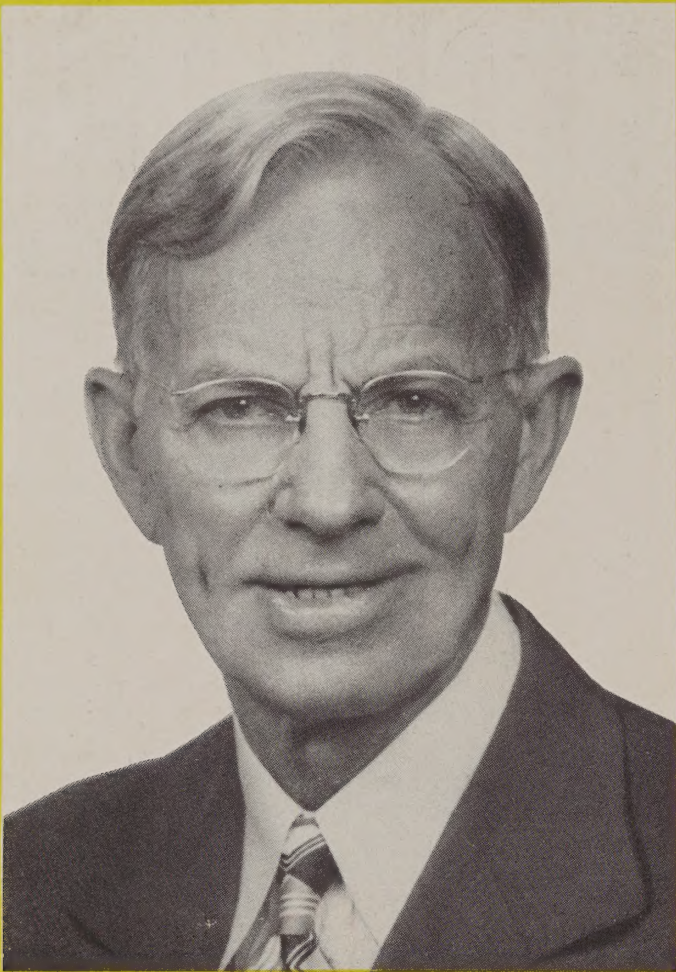


BROWER

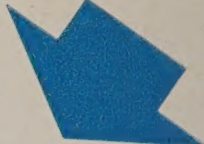


Catalog No. 60

THE LARGEST LINE OF POULTRY SUPPLIES IN THE WORLD
BROWER MANUFACTURING COMPANY
QUINCY, ILLINOIS, U.S.A.



W. J. BROWER, PRESIDENT AND FOUNDER



26 YEARS OF SERVICE

**TO THE POULTRY AND
DAIRY INDUSTRIES**



B. J. BROWER
Vice-President

TO OUR CUSTOMERS



L. J. BROWER
Sec'y-Treasurer

With this No. 60—1948 Catalog, the Brower Manufacturing Company embarks on its 26th year of service to the Poultry Industry. This catalog, I sincerely believe, will be interesting and profitable reading to anyone interested in the raising of poultry. It describes the largest line of quality constructed poultry equipment we have been able to offer for several years—all items designed to help the poultry raiser increase his profits by lowering mortality, promoting faster growth and increasing egg production at less cost for feed, fuel and labor. Many new items have been added to the Brower Line and important changes have been made in others. We are especially proud of our new Aluminum Brooders, Feeders and Nests which embody the advantages of light weight, rigidity, durability and smart appearance. . . . Brower merchandise is manufactured in our four modern factories illustrated on back cover of catalog. These plants are equipped with the very latest in machinery as illustrated on inside back cover. Workmanship of Brower Equipment has always been outstanding. Many of our employees have had ten to fifteen years of experience in manufacturing Brower Poultry Equipment. Every item in the Brower Line is sold under Brower's Famous 30-day Trial Guarantee, terms of which are explained on opposite page. Read it carefully. It is your protection when ordering Brower Poultry Equipment. . . . During the past twenty-five years, hundreds of thousands of dollars have been spent advertising Brower Poultry Equipment in all of the leading domestic and foreign poultry and farm publications. The Brower Line is used by poultry raisers all over the world. It can truly be said that "the sun never sets on Brower Equipment." . . . Thousands of Poultrymen have learned to rely on Brower Equipment as the most profitable for them to use. Brower poultry equipment is sold by leading dealers everywhere. We invite you to call on your Brower dealer and see our new 1948 line on display. If you do not know the Brower dealer for your territory, please write to the Brower Mfg. Co., Quincy, Ill., and we will be glad to advise the name of the dealer nearest you.

W. J. BROWER

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BROWER MANUFACTURING COMPANY



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Recommended by BROWER MANUFACTURING CO.



Timely Tips
A popular feature by Bentley Wilson, Farm Superintendent. Timely helps on what to do NOW—every month.

INFORMATION YOU CAN USE IN MANY PROFITABLE WAYS Tested and Proved on Poultry Tribune's Own Experimental Farm

Poultry Tribune is the only poultry magazine owning and operating an experimental farm so its editors can bring you farm tested poultry information. The editors, through daily personal contact with our own experimental farm, are able to report authoritatively on newest profitable methods. Follow their lead in brooding, feeding, housing, disease control, and make more money the successful Tribune Way.

Your Questions Answered Free

When you are a subscriber to Poultry Tribune, you are entitled to write in at any time for advice on your own personal poultry problems. Simply send a stamped, addressed return envelope. There is no charge for this service. You will receive a personal reply. This service alone may be worth many dollars to you, but you receive it FREE with your subscription.

Natural Color

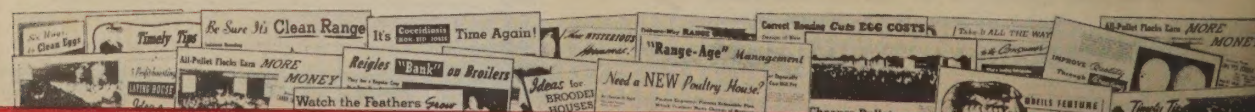
Poultry Breed Pictures FREE!

Poultry Tribune owns the most complete collection of poultry breed oil paintings in America. Both popular and rare breeds were painted especially for us by foremost poultry artists. During the winter months some of these paintings are reproduced in full page size, 8 x 11 inches, and in NATURAL COLORS. All of

the fine details of feathers, shading, coloring, etc., are faithfully reproduced. Nowhere else can you find pictures like these.

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If you want to receive the most valuable information which approximately half a million subscribers are now using to make more money from poultry, be sure to send this coupon now. Take advantage of this five year bargain rate of \$2.00. This rate, the actual cost is less than 4c per month! Regular prices good in U. S. Possessions; Canada and Foreign subscriptions, \$1.00 per year.



USE THE MONEY-SAVING COUPON ON OTHER SIDE—GET MONEY-MAKING HELPS LIKE THESE

BROWER



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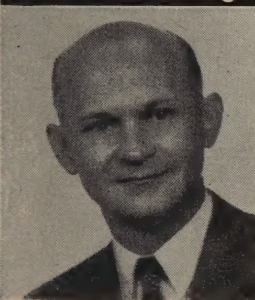
H. M. OELKLAUS
Assistant Sales Mgr.

READY AT ALL TIMES TO SERVE YOU

H. H. HOENER
Credit and Office Mgr.

W. N. HALLIDAY
Controller

S. B. SPONDER
Production Mgr.



The Brower Manufacturing Company maintains an efficient organization, ready at all times to take care of your needs. The people who make up this organization (normally more than 400) take pride in the part they play in the manufacturing of the World's Largest Line of Poultry Supplies. They are careful to see that Brower merchandise is made as represented, and that each Brower item is outstanding. The best evidence that Brower merchandise and service are outstanding are the many letters of endorsement we have received from satisfied customers.

Our experienced service and engineering departments are ready to help you with your poultry raising problems. Brower's will be grateful for every opportunity to serve you.



READ BROWER'S FAMOUS

30-DAY TRIAL GUARANTEE

IT IS YOUR PROTECTION!



30-Day Guarantee

We guarantee every article to be as represented and to do what we claim. Use any Brower item for 30 days. If it does not do as we represent or claim, we will make good by replacing the merchandise or refunding full purchase price.

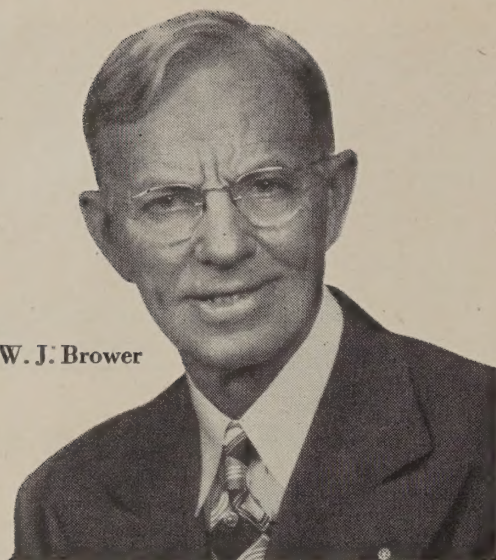
This Guarantee on Brower products has made the Brower Manufacturing Company one of the world leaders in the Poultry Supply Line.

The best evidence to prove that the Brower Line of Poultry Supplies will do all, or even more, than we claim, are the many letters of endorsement from customers that use Brower Equipment.

W. J. Brower, President

BATTERY BROODING

W. J. Brower



When you look into the records of most successful business firms, you will invariably find that they have a quick turnover of merchandise. Broilers raised in Brower Battery Brooders when properly cared for, will bring cash returns each week after the first 8 to 10 weeks. Brower Battery Brooding is the most modern and efficient way to raise delicious tasting broilers and fryers. Started chicks, pullets and poults are also very popular and demanded by many buyers. Brower batteries are ideal for starting chicks and poults. Broiler producers and poultrymen have found the use of Brower Battery Brooders indispensable in their brooding program where efficient methods are employed. They help to raise more and better broilers in less time at less cost for feed and labor, which means lower production costs.

Dear Friends:

The following pages present Brower's 1948 line of Batteries. This line is not as complete as formerly but we will soon be adding a number of other starting, growing and finishing batteries, heated by electricity, oil, gas and coal. It is Brower's aim to furnish Brower Battery Brooders suited to small capacity production—40 a month capacity for city, town and suburban homes—as well as for large commercial broiler plant operators.

If there is any question in your mind about which brooders you will need, write us and let us make a recommendation. Tell us the purpose you have in mind. Send us sketch and dimensions of your building and advise how many broilers you wish to raise a week...in short, tell us all about it.

Brower Engineers will then prepare an estimate for you, listing all the equipment you will need and will mail you a quotation. There is no obligation or charge attached to this service. You simply get the benefit of our years of experience in the raising of broilers in batteries, raising poultry for egg production, and 26 years in the poultry equipment business. After you look over the material we send you, you may buy or not, just as you decide.

Yours for success,

W. J. Brower,
President

The following pages contain important information—read them carefully. Find out how Broiler producers and poultrymen have increased their incomes by using Brower Equipment. Modern methods and equipment were required to accomplish these results. We are happy to have contributed to these advancements by furnishing practical, efficient Battery Brooding Equipment.

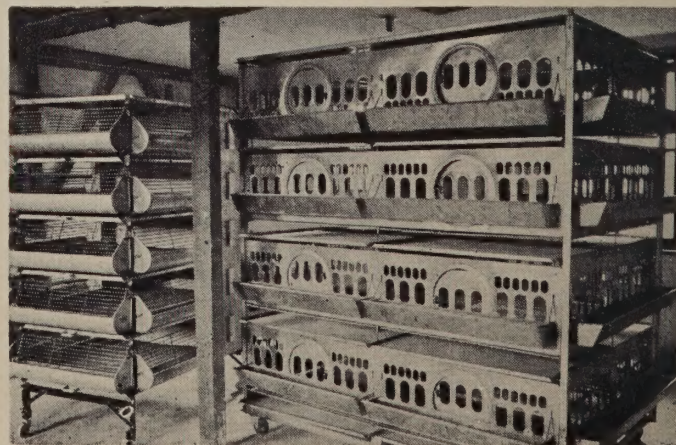
If you plan to enter the broiler business, we sincerely believe that you, too, will find it to your best interest to use Brower Equipment.



A long row of Brower Batteries in daily use at Mohlin's Steak House, Port Arthur, Texas.

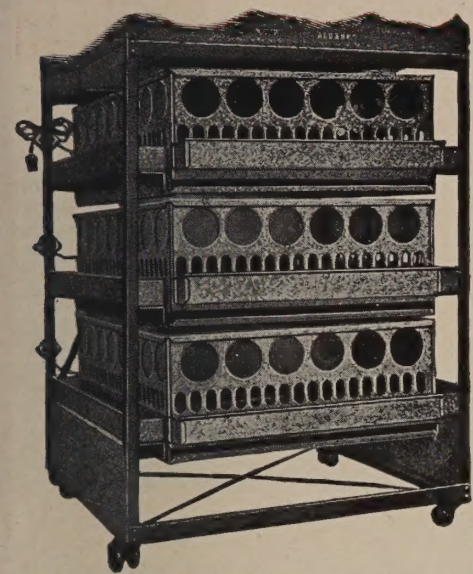


Reuben L. Ulmer of Dawson, Nebraska, is highly pleased with his Brower equipment. (See testimonial on Page 14.)

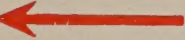


Philip Castelnovo of Franklin, Massachusetts, is highly pleased with his Brower Broiler Plant, shown above.

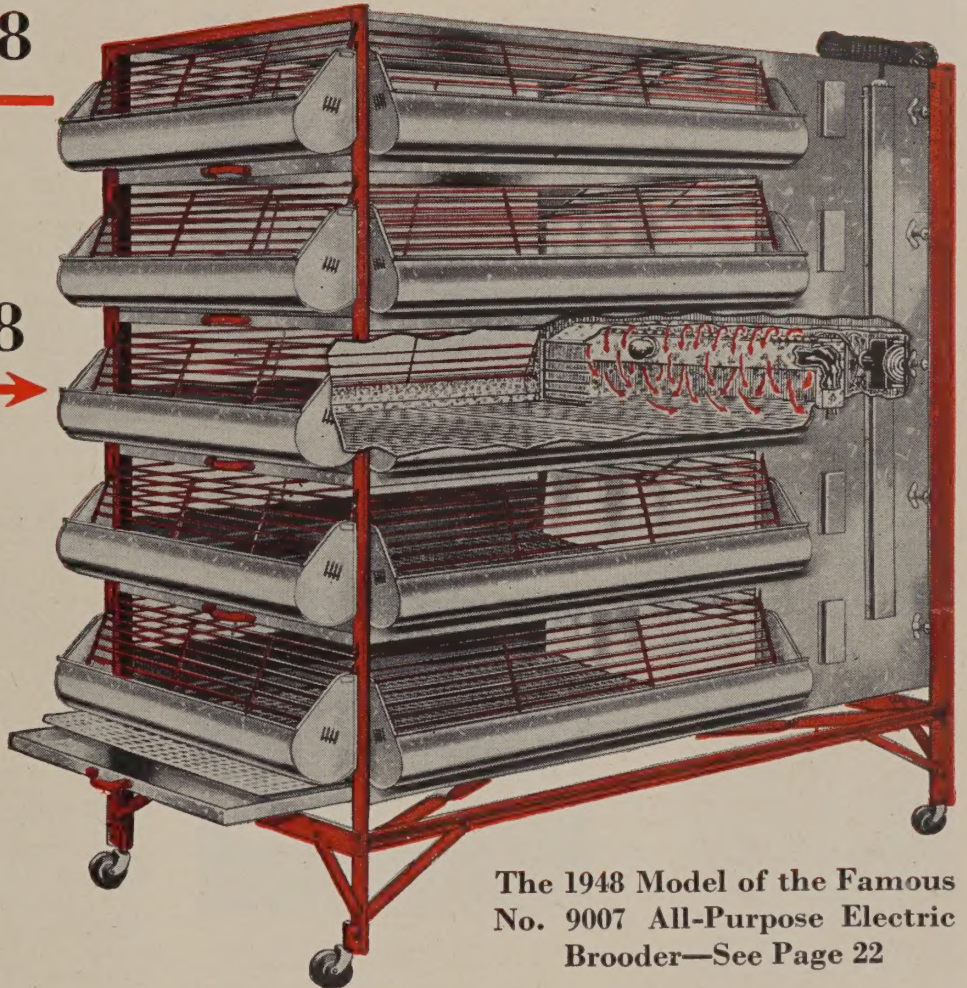
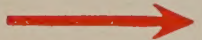
OUT IN FRONT SINCE 1928



1928



1948



The 1948 Model of the Famous
No. 9007 All-Purpose Electric
Brooder—See Page 22

ONE OF THE FIRST BROWER
BATTERIES BACK IN 1928

BROWER— A Pioneer In Battery Brooding

Way back in 1928 we offered Brower Battery Brooders to poultrymen. In every line of endeavor, there is always a leader in the field—one who has contributed a new and better method or has designed an outstanding piece of equipment. For the past 19 years, Brower has designed and manufactured Battery Brooding Equipment and was one of the first to offer a practical battery. Since that time, many improvements have been made . . . Brower has always kept step with progress. Since 1928 millions of broilers have been raised in Brower Broiler Plants. All battery equipment is thoroughly tested for a period of time before it finds a place in Brower's Catalog. Brower Equipment is proven before it leaves our plant—the testing of the equipment is not left to the purchaser.

Early Models Still In Use

Through the years people in all walks of life have found the installation of Brower Batteries a good paying investment, whether used for raising broilers or just starting chicks or poults. Many of the first Brower Batteries (1928 models) are still in use today. They are still giving dependable service after 19 years of use. True, there have been many improvements, but the quality construction was the same then as today. Brower Batteries, like every item in the line, are built to give years and years of service and are fully guaranteed by Brower's broad guarantee of satisfaction as explained on page 3. Here are just a few of the many advantages a Brower Battery offers:

- Less floor space required.
- You have a chance to raise better chicks.
- Your labor is reduced.
- Helps to lower mortality.
- Helps to eliminate feed waste.
- Opportunity for weekly income.

THE BATTERY WAY IS THE EFFICIENT WAY

1. A Weekly Income

In only 8 to 10 weeks after your first bunch of chicks are placed in a Brower Battery your income from the sale of broilers starts. You don't have to wait several weeks or months before your income begins, as you have a turnover of broilers each week. In hardly no other line of business can you receive such a quick return on your investment.

2. Helps to Cut Mortality

The battery method of brooding enables you to raise a greater number of chicks than with older, out-of-date methods. The chicks are confined on sanitary mesh floors—no chance of contamination through the droppings. Even temperatures are easily maintained, and the batteries being of rigid steel construction can be thoroughly cleaned and disinfected after each brood of chicks. **BROWER BATTERIES HELP REDUCE MORTALITY.**

3. Fast Growth

It is not uncommon today to raise broilers with proper feed and care, to two pounds and larger in 8 to 10 weeks or less in batteries. Having only clean feed and water before them, the birds develop rapidly in batteries. As battery broilers do not develop as large a frame as birds on range, more of the feed consumed goes into developing flesh on the bird rather than bone structure.

4. Helps to Reduce Feed Cost

Every poultryman these days is anxious to reduce feed waste for feed is the biggest cost item in the

broiler business. All Brower Batteries are equipped with large feed troughs and guards which help to prevent feed waste. Reducing feed waste, of course, means a lower cost of production which should result in greater profit.

5. Helps to Reduce Labor

The battery method of raising broilers is the systematic way. All of the work around the Battery Broiler Plant can be done in an efficient manner, resulting in a saving of time and labor. Like a modern factory, you are operating on a production basis and labor or time saved is money earned. Brower Batteries will help reduce the labor of raising broilers.

6. Less Housing Space Required

Unlike older methods of raising broilers, a large building and range is not required. A building only 12x20 ft. provides ample floor space for a Brower 100-a-week capacity plant, whereas a building many times larger than this would be required if the birds were raised on floor or range. This fact is a big advantage where land is in the high-priced brackets.

7. Sanitation Control Easy

Where birds are raised on the floor it is practically impossible to thoroughly clean and disinfect every crack and crevice of the house. Brower All-Metal Batteries can be taken apart for a thorough cleaning when needed. Wire floors and drop pans are easily removed for routine cleaning.

BROWER'S

BATTERY BROODERS HAVE MANY USES

BROILER PLANTS

One of the most popular uses of battery brooders is for broiler and fryer production. Chicks raised in batteries reach broiler size quickly (in just 8 to 10 weeks), and can be supplied to a waiting premium market every week in the year. Here is illustrated Brower's 100-a-week capacity plant—our most popular size plant. See page 15 listing various capacity broiler plants—there is a Brower Broiler Plant to fit your requirements. Many of the most successful broiler plants started with a small plant. The convenience and easy operation of Brower Batteries make it possible to care for the plant before and after work. Children, too, enjoy taking care of a battery broiler plant. Only a small investment starts you in this good paying business.



100 Per Week Plant

FOR STARTING CHICKS

Anyone who has operated a floor type canopy brooder knows the amount of care required the first few weeks in getting the chicks started. Many can recall those evening or early morning visits to the brooder house to see if everything was all right. Here is one of the biggest advantages of starting your chicks in a battery brooder—your labor is reduced. And yet, you know that your chicks are being taken care of in your Brower Battery Brooder.

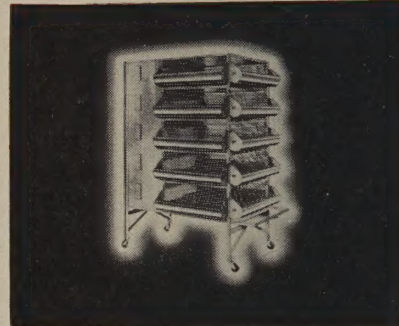
Hundreds of poultrymen raising both broilers and pullets once or several times during the year, find a starting battery dovetails very nicely with their present equipment. Chicks are brooded in the starting battery over the dangerous period (first 3 or 4 weeks)—the pullets are then placed under a floor brooder, and the cockerels battery finished for market.



Brood-Mor Starting Battery and Watt-Saver Electric Brooder

STARTING AND DISPLAY BROODERS

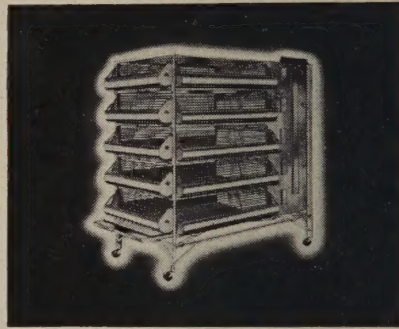
Battery Brooders originally came into use in hatcheries for handling surplus chicks and were called storage brooders at that time. Hatcherymen found batteries the most convenient method of brooding chicks. Today batteries are used by thousands of hatcheries and poultrymen for supplying started chicks to their customers. Batteries also provide hatcherymen and feed dealers with a convenient, effective method of displaying baby chicks. The use of batteries enables the hatcherymen to brood chicks with less mortality at much less feed and labor cost than is possible with other methods. Brower's Starting Brooders listed on pages 20 to 22 are ideal for hatchery use.



5-Deck Brood-Mor

FOR STARTING POULTS

The use of Brower Batteries has enabled turkey raisers to brood poults with a lower mortality rate. By brooding poults in batteries on wire floors, it is possible to eliminate the dreaded black head disease which is spread through the droppings. Most turkey raisers are using batteries for starting the poults for the first two or three weeks and then placing them under a floor type brooder. With proper management it is possible to greatly reduce the mortality in poults during the starting period, and save feed. Every poult saved means extra profits for the turkey raiser, and in addition you have all the other advantages of using a Brower Battery. Regardless of outside weather conditions your poults can be safely started indoors in a Brower Battery. We especially recommend the All-Purpose Battery (page 22) for poult brooding.



5-Deck All-Purpose

Mrs. Mayfield Starts All Her Chicks in a Brower Battery



Mrs. Alfred W. Mayfield

Since way back in 1929 Mrs. Alfred Mayfield of Carlinville, Ill., has started her chicks in a Brower Battery Brooder.

After many years of operation, we asked Mrs. Mayfield how she liked her Brower Battery. Here is her reply.

"IT'S JUNE IN FEBRUARY

. . . . when you start chicks in Brower's Battery Brooders to have them ready to fry in April to show at State Fair in August; and to lay eggs in September.

"It is only because the chicks may be started so early in the brooder that the above three points may be attained. Because it is so easy to attend to a Brower Brooder in our own basement in mid-winter, the chicks are never neglected, nor are we exposed to inclement or zero weather in the frequent trips to 'see about the chicks'.

"One does not have to have 110-volt electricity or oil or gas to use the brooder in a good building, though some folks are fortunate enough to have their choice of fuels. We have used a coal heating stove for room heat, augmented by a 32-volt blue bulb in each tier or drawer.

"The greatest mistake one can make is to put too many day-old chicks in a section. After about a month, our chicks graduate to our insulated, ventilated brooder house over in the orchard, and the battery brooder is refilled with chicks sometimes three times a season.

"Two portable shelter houses care for the pullets out on range, when the cockerels go to market. Permanent laying houses, one of hollow tile and one of stone, house the flock at maturity.

"At the end of the brooding season the battery is cleaned, disinfected, oiled and wrapped up from dust. Our brooder has been used over ten years. Not one wire or piece of metal has rusted or depreciated—a tribute to the quality of steel Brower uses. The initial cost of a Brower Battery Brooder, divided by the number of years it may be used, makes it a cheap investment, with assured annual dividends."

"Cordially yours,

"MRS. ALFRED W. MAYFIELD,
"Carlinville, Illinois."

A STEADY WEEKLY INCOME: WITH YOUR OWN BROILER BUSINESS

For The Farmer

Farmers and their wives find that a Brower Broiler Plant will augment their incomes. They do not have the long period of non-production as with field crops, hogs and cattle. In many cases the broiler plant will bring in more money than other agricultural enterprises—then, too, it's an all-year-round business instead of a one-sale-a-year business. The revenue from the farm can all be put into other investments. A Brower-Equipped Broiler Plant, properly operated, is one method of practical farm relief as it provides a source of steady weekly income, same as the milk cows.



For The College Boy

For a college student the Broiler plant is the thing. It not only enables the student to have an income, but in addition he will acquire an abundance of practical poultry knowledge in the operation of the plant. The merchandising of the broilers at a good price will be found an easy matter in almost any college town. The care of the plant need not interfere with the student's studies, as a few hours each day before and after school hours, easily cares for the plant. The raising of poultry has been the means by which both young men and women have secured a most valuable asset—a college education.



For The Mechanic

People in all walks of life are operating Brower Broiler Plants. For the mechanic, a battery broiler plant provides relaxation from his daily work. A few hours each day will take care of the broilers in fine shape. Then later on, as the business expands, you can devote your full time to a business of your own. Remember that your battery raised broilers are superior to tough, stringy, range fed broilers. You should have no difficulty in obtaining a nice premium for your battery raised broilers. A Brower Broiler Plant is a fine way to augment your present income—and to provide those "extras" you would like to have.



For The Office or Businessman

With only a small investment the businessman or office worker can get started in the broiler business and increase his present income. You can install it at home and your wife or boy can run it for you. It will take very little of their time and will not tire them. The marketing end of your business can be taken care of on Saturday afternoons, or by some member of your family during the week. Many office workers have started this way, and the demand has been so great that they are now devoting their full time to a good-paying business.



For The Retired Man

Many persons have completed an active business or professional career and have then looked about for a profitable business suited to them not taking too much time or effort. A Brower Broiler Plant is the perfect answer for these folks. Many retired workers have started in this manner and in a comparatively short length of time have developed a big demand for tender, battery raised broilers. Read on page 14 about the interesting experience of Mr. P. P. Baird, Little Rock Arkansas. Many others have found that a Brower Broiler Plant provides a nice income with a minimum of work.



For The Shop Worker

With the wage and hour laws in effect, the store or factory worker will have more time available. If you have a little capital—enough to get started, your wife or any member of the family can operate the brooders while you are at work. It will take only a little of their time and you can market the broilers on Saturday afternoons. In this way, you should increase your income. A Brower Broiler Plant is the ideal way for a G.I. veteran of World War II to go into business for himself. Ex-soldiers, sailors and marines can use their G.I. benefits or bonuses to quickly set themselves up in a profitable business in which the returns are quick and sure.



Here Is Your Estimated Weekly Income

APPROXIMATE COST OF PRODUCING 2 POUND BROILER		Rate Per Pound.....									
Average Day-Old Chick Cost.....*		\$.35 \$.40 \$.45 \$.50 \$.55 \$.60 \$.65 \$.70 \$.75									
Six Pounds of Feed at 5 1/2 lb.....		.14 .33 .33 .33 .33 .33 .33 .33 .33 .33 .33									
Fuel Expense.....		.01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01									
Interest and Mortality.....		.01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01									
Approximate Production Cost.....		\$.49 \$.49 \$.49 \$.49 \$.49 \$.49 \$.49 \$.49 \$.49 \$.49									
Selling Price 2-lb. Broiler.....		.70 .80 .90 1.00 1.10 1.20 1.30 1.40 1.50									
Estimated Production Cost of 2-lb. Broiler.....		.49 .49 .49 .49 .49 .49 .49 .49 .49 .49									
Estimated Profit Per Broiler.....		.21 .31 .41 .51 .61 .71 .81 .91 1.01									
Estimated Income 100 Broilers Weekly.....		21.00 31.00 41.00 51.00 61.00 71.00 81.00 91.00 101.00									

*By buying sexed cockerels at 5c to 7c, weekly income can be increased \$7.00 to \$9.00 per 100 broilers.

Figuring Production Costs—Think of Your Monthly or Yearly Income

In figuring the production cost given above, we have taken into consideration the cost of the day-old chick, expense for feed and fuel, the interest on investment and, have made allowance for mortality. The cost of 14c for the day-old chick, given here, is an average throughout the year. It should be noted, however, that sexed day-old cockerels can often be purchased at from 5c to 7c each, and will increase income \$7.00 to 9.00 per 100 broilers weekly. In a year's time this saving will amount to several hundred dollars. You can contract with reliable hatcherymen for the amount of chicks you need weekly.

Don't make the mistake of buying "cheap" chicks—on the other hand, you need not buy pedigreed chicks. If possible buy sexed cockerels. They develop quicker than pullets. For feed, we recommend a good commercial battery broiler mash and pellets. All of the well-known feed mills are now furnishing a mash containing all the necessary ingredients for feeding chicks in batteries. No other feed is necessary. Some operators mix their own feeds and save \$10 or more per ton. If interested in grinding and mixing your own feed, see pages 56 to 62, describing Brower Feed Mixers and Whirlwind Hammermills.

LET BROWER HELP YOU

Facts to Consider In Selecting Your Broiler Plant

1. Ample Floor Space

Refer to page 9 and note the recommended floor space in batteries for different age birds. Ample floor space for chicks and broilers are provided in all Brower Battery Plants.

2. Sufficient Feed and Watering Space

Ample feeding and watering space in batteries is very important. Note that all Brower Batteries are supplied with feed and water troughs of the proper size for various birds.

3. Proper Ventilation

The Air-Flo principle of heat distribution introduced by Brower provides a circulation of air without drafts inside the brooding area at all times. In other Brower Batteries ample provision has been made for ventilation.

4. Proper Control of Temperature

The brooding temperature in Brower Electric Batteries is controlled by a magnetic snap-action control which does not cause radio interference. It will operate within $\frac{1}{2}$ degree accuracy.

5. Construction and Sanitary Features

All Brower Batteries are of metal construction throughout and can be easily cleaned and thoroughly disinfected. Features incorporated in Brower Batteries enable the operator to maintain strict sanitation.

6. Reputation of Manufacturer

Our many years of experience in the Battery Equipment business places Brower in a position to help you in every possible way. Brower stands squarely back of every Broiler Plant. Read the Brower guarantee on page 3.

Let Brower Help You Get Started in Broilers



The building illustrated to left shows a modern house built according to Brower designs and specifications. This house is 22 ft. wide by 150 ft. long, Brower ventilated, cement floors, and insulated at ceiling and walls. A space is provided on left end of house for feed storage, also cleaning and dressing room. While a special building of this type is recommended you can use a building or barn you already have by making the necessary alterations and installing the proper ventilating equipment. Brower Engineers will be glad to help you. Send sketch of your building and size plant you wish to install.

Hundreds of folks interested in raising broilers have come to Brower for help and guidance in getting started. Whether you are planning on a large or just a small broiler plant we feel confident we can help you the same as we have done for hundreds of others. Many have started with just a small broiler plant and developed into a large capacity plant as illustrated on this page. They find the broiler business interesting and profitable.

A sixteen page booklet "Manual of Operating Instructions" is furnished with every Brower Broiler Plant. This informative booklet is based on Brower's 19 years' experience in both the manufacture and operation of Battery Equipment, plus the experience of hundreds of Brower users from coast to coast. Of course, the Brower Service Department is ready to help you at any time with any special problems.

Use Brower Modern Equipment to Get Results

This is the age of production and regardless of whether you are making nails or doughnuts, your cost of production must be as low as possible. That's why so many Brower Broiler Plants are in use—users have found that it takes modern equipment to raise quality broilers to market age in the quickest time at the lowest cost for feed, fuel and labor.



A Large Chick Starting Room Filled With Brower No. 9007 Batteries

Above is a view of a neatly arranged chick starting room. The All-Purpose Electric Starting Batteries installed in this room start the chicks for the first three weeks. Chicks properly started put more dollars on the profit side of the ledger. Proper ventilation without drafts is very important in the starting room. For plants having a capacity of more than 150 broilers per week a separate starting room is recommended. Proper ventilation pays big dividends in faster growth and lower mortality.



One Side of a Finishing Room Showing No. 4216 Batteries

In the room above, hundreds of chicks from four weeks up to broiler size are finished for market. Quick growth is very essential to success in the broiler business. Brower Growing and Finishing Batteries (see page 23) are designed from our years of practical knowledge in the raising of thousands of broilers. In addition to proper development of the broilers with less mortality in less time at a lower labor, feed, and fuel cost per pound. Brower Batteries are also designed for convenience of the operator.

SELECT YOUR BROILER PLANT

Not Necessary to Construct a Special Building

Faced with loss of health which necessitated giving up her clerical job in a downtown business office, Miss Mae Kratke of Pueblo, Colorado, turned to poultry raising in batteries—something which then she knew nothing whatever about. Miss Kratke has had very outstanding success with Brower batteries used in a small building, just an ordinary garage.

Miss Kratke writes that at first she started with 500 chickens raised on the floor of a small building, and her feeding costs were \$120 a month. Now with Brower Battery Brooders, she says she can feed 1,000 chickens for \$60 a month, besides obtaining a cleaner chicken.

She states that by using Brower's battery method, she can produce a 3-lb. fryer in 8 weeks. Formerly on the ground it took 3½ months to raise one that large. The capacity of her home broiler plant is now 2,500 baby chicks a month, and they are all kept in Brower batteries throughout their short span of life. Feed and water are constantly available, lights are on all night, and there is a constant temperature for the chicks.



Miss Mae Kratke and a No. 9007 Starting Battery

A Small Investment Offers Big Returns

Perhaps you already have a building suitable for installing a broiler plant. A small building will produce hundreds of broilers weekly by using a Brower Broiler Plant. In most cases it will not be necessary to construct a special building. A Brower Broiler Plant can be successfully operated in most any building properly heated and ventilated.

A coal, gas, wood, or oil heated brooder stove with the canopy removed can be used to heat battery rooms or small brooder houses, housing a 25 or 50 per week capacity Broiler Plant. Or-

dinary home heat circulators may be used if a fairly even temperature can be maintained.

A room temperature of around 70 degrees is recommended during cold weather for the building in which Brower Battery Equipment is operated. Our Engineering Department will be glad to cooperate in recommending the proper ventilating and heating equipment for any type of building you may have available. Write today sending sketch giving dimensions of your building. See Brooder House plans on pages 10 and 11 if it is necessary to construct a special building.

Recommended Floor Space Required

To Determine the Capacity of Any Battery Use Table Below

Age in Weeks	1	2	3	4	5	6	7	8	9	10
Square inch space required per chick	7	10	13½	20	24	30	36	39	42	48

A Waiting Market in Most Every Community

In most any community in the country there is a good sale for quality broilers. Roadside inns, restaurants, clubs, hotels, and private homes serving broilers as a specialty the year 'round—offer a big market to broiler raisers. Thousands of roadside inns use several hundred or more broilers per week. Think of the big market which can be yours. There is, no doubt, a good paying market the year 'round in your vicinity. Read Customers' letters, pages 14 and 15. The buying public is demanding quality, uniform, broilers—the

kind you can produce in Brower batteries, and this demand has been increasing every year. Eviscerated or ready-to-cook broilers and quick frozen birds have opened up a tremendous new market. Supply this demand and you can build up a year 'round business of your own with a nice weekly income. Someone in your community will no doubt do this—it may as well be you. Opportunity is here today—why wait until tomorrow to open the door—some say tomorrow never comes. We must take advantage of our opportunities.

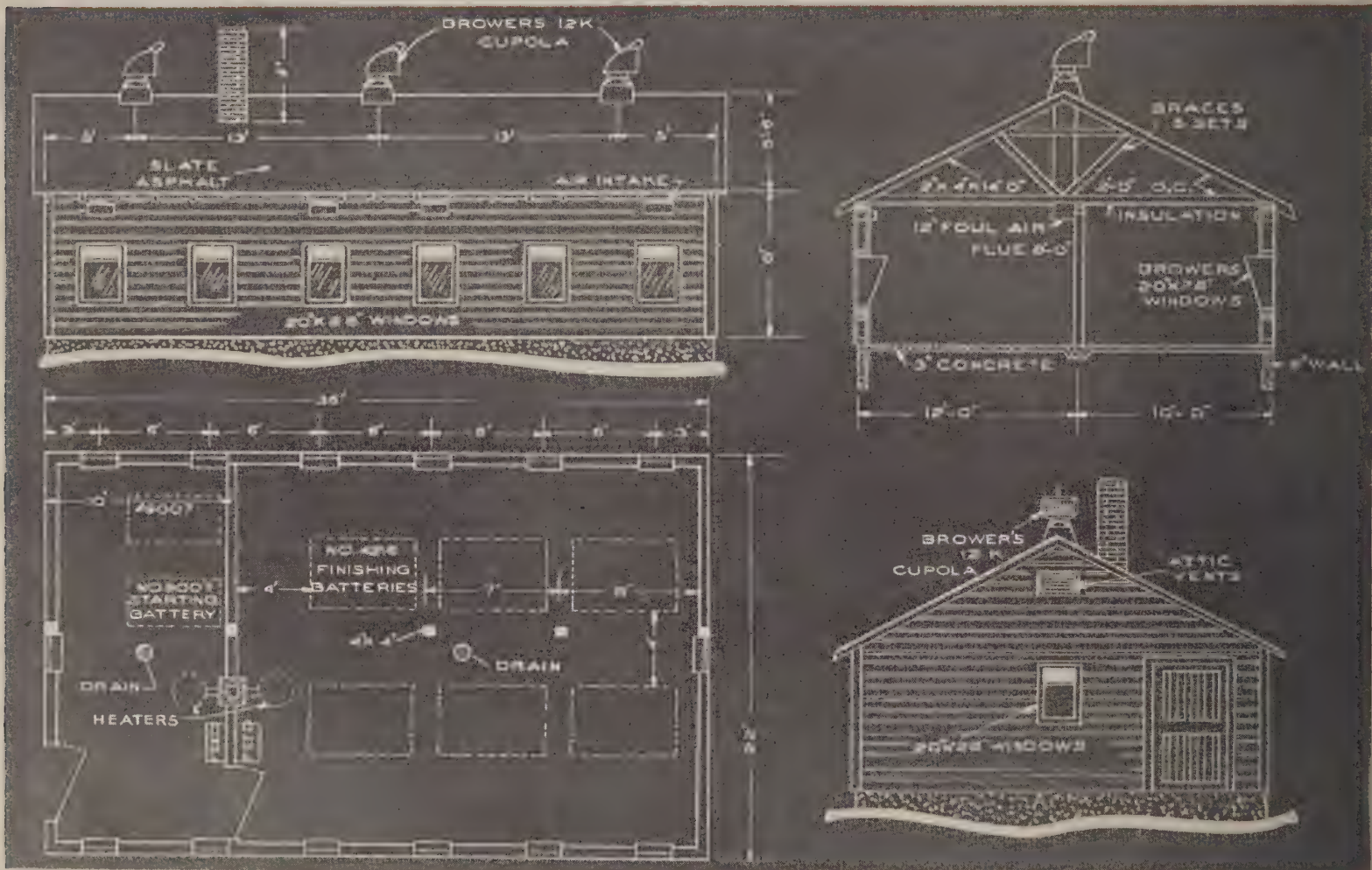
Free! ENGINEERING SERVICE FOR BROILER PLANTS

Brower Broiler Plants will operate successfully in any building large enough to accommodate them. Some of our customers use a building they already have available. If you have a building, garage or basement available, all you need do is simply alter it to comply with our plans for floor installation and ventilation. When constructing a new building for your Brower Broiler Plant, avail yourself of the help offered by Brower's Service Department. Many customers are using pre-fabricated buildings with good results. The illustration below shows the type and size of house recommended for the 300-per-week capacity Brower Broiler Plant.

No. 7615 Electric Starting Batteries, or Brower Humideck Hot Water Starters (not now manufactured), may also be used in place of the No. 9007 Starting Batteries. To properly ventilate this 22x36 ft. building, three No. RH-12 Revolving Roof Ventilators, three No. 12-B Foul Air Flues and fourteen No. 1361 Ventilating Windows are recommended. The addition of the eight No. 100-K Fresh Air Intakes, shown in the plans, will increase the efficiency of this ventilating system, especially during cold weather. We are unable to supply the No. 12-B Flue and the No. 100-K Intakes at the present time.



BROWER OFFERS FREE BUILDING PLANS



House and Ventilation Requirements for Various Size Plants

Weekly Broiler Capacity	Size of Building or Room Required	Proper Ventilating System to Use		
		No. RH-12 Cupolas	No. 12B* Flues	No. 1361 Windows
Using Electric Heated Starters				
25 to 50 Broilers	10x12 ft.	1		4
100 Broilers	12x20 ft.	1	1	8
200 Broilers	12x30 ft.	2	2	12
300 Broilers	22x36 ft.	3	3	14
Using Humideck* Starters				
250 Broilers	22x36 ft.	3	3	14
500 Broilers	24x60 ft.	4	4	20

*Not manufactured at present.

When the chicks are four or five weeks old, they have started to feather and are then transferred to the top compartments of the non-heated Growing and Finishing Batteries. A room temperature of about 70 degrees is recommended. Where the Humideck Hot Water Starting Brooders are used, pipe coils should be installed along the walls in the growing and finishing room, to bring up the room temperature. With Electric or Oil Heated Starting Brooders, an auxiliary heater must be used in the growing and finishing room during cold weather.

With each complete Brower Broiler Plant ordered, we furnish a special booklet giving complete instructions for assembling and operating the equipment. This booklet also contains valuable information and instructions for killing and dressing broilers, and points out various ways to increase your earnings by direct selling.

PROVIDE FRESH AIR WITH A BROWER VENTILATING SYSTEM

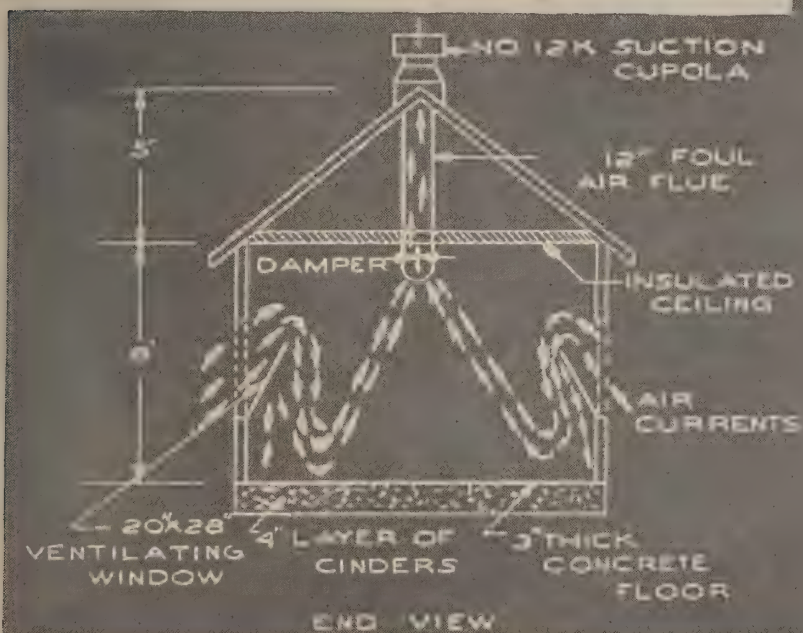
There are four important elements essential to the life and growth of a chick or broiler. These are . . . air, light, water and feed. Science brings us positive proof that air is by far the most important. You have doubtless heard the expression, "Food is fuel to the body." But no fire will burn without air . . . which is oxygen. On the same principle . . . baby chicks and broilers must breathe pure, fresh air in order to derive full benefit from the food they eat. Drafts must be avoided, however. The Brower Ventilating System brings about a good condition in the Battery Brooder House. The foul air is constantly and automatically removed by the Brower Suction Cupola through the Foul Air Flue. Fresh air is admitted into the room through the Brower Ventilating Windows. A Brower-Ventilated Broiler plant means quicker and better growth and more uniform broilers. It should mean extra and quicker income for you . . . in fact, many are soon able to pay the small initial cost of installing a Brower Ventilating System.

Brower Offers Free Helpful Service

Almost any building, room, barn, basement or warehouse . . . when properly ventilated . . . is suitable to use for the production of broilers when Brower's Batteries are used. If you have a building or room available, send us a pencil sketch of it (be sure to give all dimensions), and our Service Department will be glad to give you FREE recommendations as to the best way to arrange it for the use of Brower Battery Brooders. If it is necessary for you to construct a building, we can furnish house plans which will enable your local lumber dealer, contractor or carpenter to give you an estimate on the construction cost and bill of material required. This service is FREE OF CHARGE to prospective customers. Be sure to state how many broilers you plan to produce weekly.

How Brower's Ventilating System Works

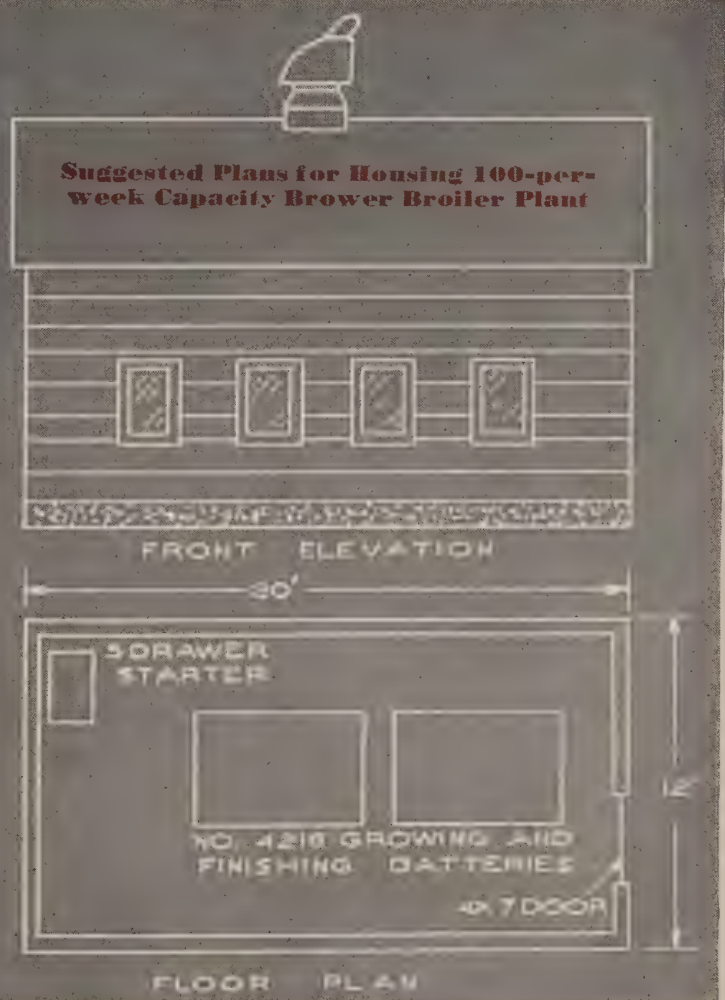
Below is an end view of a Brower-Designed Battery Brooder House. The room is ceiled with insulating material, allowing 8' from floor to ceiling. The movement of air is indicated by the



A Brower Equipped Plant

Brower designed battery houses are used in all sections of the country with good results. While every thought is given to a practical, efficiently designed house, care is used in making the general design of the house attractive to any surroundings.

Brower's No. RH-12 Ventilators Are Used to Ventilate This Plant. See Description and Price on Page 42



arrows. Fresh air enters through the ventilating windows and circulates around the room. The foul, moisture-laden air is removed through the foul air flue by the suction cupola. No drafts . . . just a continual supply of fresh air, which means so much to increase development of broilers. Play safe—install a Brower Ventilating System in your Brooder House.

Brower Battery Brooders are compact. The illustrations above show the size room necessary and proper arrangement of the equipment for the 100-a-Week Capacity Brower Aristocrat Broiler Plant (see pages 16 and 17). To ventilate this building we recommend one RH-12 Suction Cupola and eight 1361 Window Frames. Please see page 42 for description and prices.

Increase Your Sales
of Battery Produced
Broilers With—

BROWER'S VITA-MAID BROILER SALES CAMPAIGN

Delicious Tender



**VITA-MAID
BROILERS**

*The finest chicken
you ever ate.*



Two-Color
Sticker to Put
On Broilers

The Vita-Maid Sales Plan Will Help You

To help Brower Battery Broiler operators build up sales and obtain highest prices for their broilers, we offer Brower's "VITA-MAID" Broiler Sales Campaign. This campaign consists of (1) An attractive two-color folder containing recipes for preparing "VITA-MAID" Broilers printed with your name; (2) Two-color stickers to use on dressed broilers; (3) A series of four effective newspaper ads in mat form. This helpful sales material is illustrated on this page. Sample furnished upon request. As you succeed with your Brower Broiler Plant, you will naturally want to add more Brower Equipment. Your success means our success. It is, therefore, with the thought of your success, that we have prepared the three tested Broiler Sales helps for you.

Three Plans to Choose From

This exclusive Brower "Vita-Maid" Campaign is offered only to users of Brower Battery Brooding Equipment. Please print plainly wording desired on folders.

Vita-Maid Sales Plan No. 1—

500 Folders printed with your name. 1,000 Stickers, 4 Mats for Newspaper Ads. Wt., 5 lbs. All for only.....\$5.95

Vita-Maid Sales Plan No. 2—

1,000 Folders printed with your name. 2,000 Stickers, 4 Mats for Newspaper Ads. Wt., 9 lbs. All for only.....\$11.95

Vita-Maid Sales Plan No. 3—

2,000 Folders printed with your name. 5,000 Stickers, 8 Mats for Newspaper Ads. Wt., 15 lbs. All for only.....\$24.95

All Postpaid in U. S. A.

Left: Attractive Two-Color Folder Containing Broiler Recipes.

Right and Below: Effective Newspaper Ads to Bring You Inquiries and Sales.

**The WISE
HOSTESS
Serves
VITA-MAID BROILERS**

Please your guests! Treat the family, too! Serve tender, juicy VITA-MAID broilers fried to a delicious golden brown. They'll say it's the finest chicken they ever ate. Order VITA-MAID broilers, freshly killed, from

YOUR NAME

ADDRESS

**SERVE VITA-MAID
BROILERS**

They make a festive dish for the festive occasion, and are fine for mid-week and Sunday dinners, too — these delicious VITA-MAID broilers fried to a golden brown.

YOUR NAME

ADDRESS

**LET'S HAVE CHICKEN
Yes...
VITA-MAID**

You have only to suggest it for dinner to hear the family chorus, "OK!" VITA-MAID broilers are a treat for all. They're easy to prepare and economical, too!

YOUR NAME

ADDRESS

Yes

IT'S VITA-MAID BROILERS!

Tender VITA-MAID broilers fried a golden brown, with piping hot biscuits and jam — a dish royal! Economical, too! Only VITA-MAID broilers scientifically produced in our modern, sanitary equipment have such tender meat and such a delicious flavor. Ask for free leaflet of VITA-MAID recipes.

YOUR NAME

ADDRESS

INCREASE YOUR *Profits* THROUGH MODERN MERCHANDISING

The marketing end of the broiler business is just as important as the production itself. Find out what size broiler is in demand in your locality. If you are dressing your broilers, then a white feathered bird such as White Rock, Hybrids, White Leghorn, or Wyandotte is preferred. In nearly every city and town, there is a waiting market for the sale of freshly killed broilers the year 'round produced in Brower Batteries. More broilers are being sold to consumers than ever before. Just think of the number of hotels, restaurants, clubs, taverns and roadside markets that now serve battery broilers throughout the year. Is it any wonder that there is such a big demand for freshly killed broilers all year?



Half a Chicken—America's favorite Dish

Attractive Packaging



Attractive packaging is very effective in increasing sales. The Brower DeLuxe Broiler Box (shown and priced on page 43), has assisted many broiler raisers to not only receive top prices for their broilers, but in addition, build up a good, profitable weekly market. This convenient box will accommodate up to a 3-lb. dressed broiler.

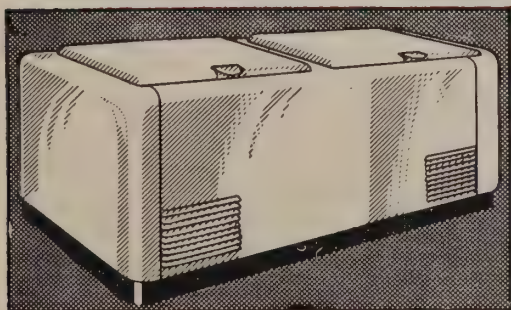
Selling Direct to the Consumers

Many operators of Brower Broiler Plants have built up a very good local business by inserting an ad in their daily papers, advertising battery broilers. After a customer has tasted the delicious meat of battery broilers, it should be easy to hold his repeat business. Your ad should read something like this:

FRESH BROILERS RAISED UNDER THE MOST SANITARY CONDITIONS—TENDER, DELICIOUS MEAT THAT IS GUARANTEED TO PLEASE YOU. PRICE 2-LB. BROILERS, DRESSED AND DELIVERED, \$1.25 or more; (or price that will make you a nice profit). YOUR NAME, PHONE, ADDRESS.

Call on hotels, restaurants, clubs, taverns, private homes, etc., in your vicinity and explain to them that you are able to furnish them with quality battery-fed broilers the year 'round. Explain to them the big difference between battery broilers and springers. Point out that battery-fed broilers have a delicious flavor, the meat is tender, juicy, toothsome. Tell them that Brower Battery-fed Broilers are not to be compared with ordinary stringy "range spring chickens." If necessary, give the chefs or managers several battery broilers to try out and ask them to notice the superior meat of your broilers. With just a little sales effort on your part, you should have no trouble in getting a top price and establishing a steady weekly market throughout the year.

"Ready to Cook" Broilers Create Consumer Sales



tity on hand at all times to give your customers immediate delivery. Having ready to cook broilers for immediate delivery, means a great deal to your customers, and increased sales and profits for you.

Also, it is claimed that the texture and flavor of foods is actually improved when frozen. One frozen food cabinet distributor says: "Choice cuts of meat, poultry, wild fowl and game, quickly frozen, are actually improved in texture and flavor."

Brower's do not list "deep freeze" units for sale at present, but you can get full information about them from your local hardware store or electrical appliance dealer.

A very recent development of great value to every broiler raiser, are the various types of "deep freeze" units that are coming on the market.

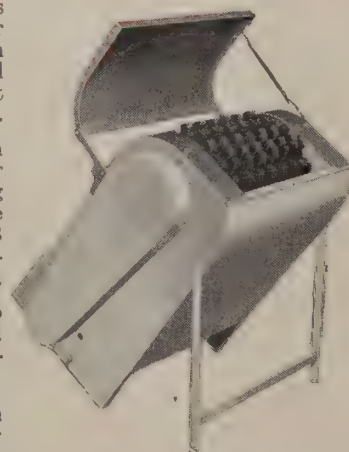
When you have one of these units you can dress the broilers and immediately freeze them. In this way, you will have a quan-

Another new development that is mighty valuable to every broiler raiser is the poultry picker, which saves a great deal of time, labor and messiness that is the case when it is necessary to pick broilers by hand.

Brower's have selected the Johnson Jiffy-Pick Poultry Picker and larger Master Picker as the type of picking equipment that is most suited to the needs of broiler raisers. On page 48 of this catalog is a complete description of these two pickers, with prices.

With these pickers it is possible to successfully pick two to three pound broilers, and all other types of poultry, turkeys and game birds.

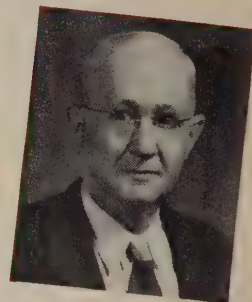
Besides, picking your broilers with a Johnson Jiffy-Pick or Master Picker will result in less bruising and barking of the skin, making your product more attractive to your customers. The money and time you'll save will soon pay for your picker, and you can greatly increase your profits through the use of it.



BROWER USERS SPEAK



**Began as Hobby—
Now Has More
Orders For Broilers
Than He Can Fill**



Mr. P. P. Baird of Little Rock, Arkansas, always loved chickens as a boy. When he retired from the job he held for 45 years he went back to his "first love," and now at the age of 68 has a profitable and enjoyable business. He says: "Poultry has always been a hobby with me since my early boyhood days on the farm, and after completing forty-five years' service with the Railway Express Agency and their predecessors I retired and decided to try my hand again in the poultry business. My broiler business was started as a hobby but has grown into a nice profitable business. I sell practically my entire output to a night club and the quality of my broilers has rapidly become known as I have more orders than I am able to fill.

"I know of no other small investment that will yield as quick returns as a scientifically operated broiler plant. I am sixty-eight years of age and do all the work connected with my plant except killing and dressing which I have done at a local poultry house."

Opportunities in Broiler Production

By the Editors of Forbes

Nationally Known Business and Financial Magazine

There's a new type of broiler hitting the market that it will pay the opportunity seeker to watch. It's becoming a widespread business activity.

A few years ago the average broiler or frier was an ordinary spring-time fowl for which there was only a seasonal demand. Generally speaking, he was the surplus male chicken. Since in poultry biology it was not necessary to have more than one husband to a dozen hens, the surplus males were more a necessary evil than a thing of profit. The meat, usually stringy, was nothing to smack the lips over.

Year-Round Business

That was back in the days when the growing chick had to have plenty of air and sunshine or it keeled over and died. Now, under the new poultry order, you can raise broilers crowded together in coops in such close formation that they have to jostle one another for room. It isn't necessary for them to set foot on ground or get a single ray of sunshine during their entire feathered career. The answer is cod liver oil or some other vitamin D product which can do as good a job of keeping a chick alive as anybody's sunlight.

But this vitamin D discovery isn't within itself the thing that gives the new method a profit appeal. It's the fact that under this system you can produce a broiler with a meat so tender and juicy it almost melts in your mouth. For this reason broiler production is now a year-round business in many sections of the country. So far, however, consumer sales have not yet caught up with the possibilities. In thousands of towns there are no quality broilers on sale at all.

There are three popular ways to raise broilers in confinement or semi-confinement. There's the regular poultry house type of building, the separate colony house—about 10 by 12 feet for each 250 chicks—and, lastly, there's the battery brooder house. This house must be built so temperature and humidity can be easily controlled. The chicks are raised to broiler size in wire-enclosed batteries built in sections, one on top of the other. The day-old chicks are started in one section and, after a week or so, a new batch of day-olds is started in another section, and so on. By this method you have different broods of chickens in all stages of growth, from day-olds up to marketable size.

—Forbes Magazine, August 15, 1945.

Starts Thousands of Chicks Every Year— Often Raises 100 Percent

From Reuben L. Ulmer,
Dawson, Nebraska:

"In the fall of 1940 the R.E.A. built an electric line past our farm. That winter we purchased a Brower starting battery, and since then we have added new brooders almost every season. This season we got two starting batteries and one grower, using the starting batteries continuously from March until now, July 3.

"We start thousands of chicks every year in these batteries, keeping many of them in the growing battery until they weigh three pounds and then selling them on the market. We also sell many started chicks from two to four weeks old. Our average percentage of loss is very low, as we often raise 100 per cent.

"At present we have chicks six weeks old in the starting battery as now we have no smaller chicks and our grower batteries are all full. We like to use the starting batteries about four weeks and then transfer the chicks to the growers. Since we got these batteries, we have never needed to replace a single part—not even a wafer. However, this year we replaced several dropping pans in a grower battery we bought about eight years ago.

"We prefer the battery method of raising chicks, and your batteries are very satisfactory."

Reuben L. Ulmer
Dawson, Nebraska.



FROM EXPERIENCE

For BEST Results, Always Use BROWERS!

"Do Maximum of Work With Minimum of Labor"

John F. Ekkens, owner of Mission Rancho, Arcadia, California, writes:

"We are well satisfied with the 9007 Chick Starter Batteries for brooding equipment on our poultry breeding farm, and believe that they do the maximum amount of work with the minimum amount of labor."



Illinois Farm Adviser, H. K. Danforth, Uses Brower Batteries

H. K. Danforth, Henry County, Illinois, Farm Adviser, raises white rock cockerels in Brower battery equipment. He concentrates their attention on one thing—eating, and has achieved above average increases in weight. Thousands of users have found their birds gain faster in Brower Batteries.

SELECT A BROWER BROILER PLANT

Capacities 40-Per-Month to Over 500 Per Week

40 BROILERS PER MONTH

	Page	Price
1 No. 48-4201A—3-in-1 Brooder	18	\$ 40.95

50 BROILERS PER WEEK

1 No. 48-6404A—Elec. Starting Brooder	21	\$ 83.30
1 No. 48-4216—Growing and Finishing Battery	23	116.85
Total Cost		\$200.15

100 BROILERS PER WEEK

1 No. 48-7615—Elec. Starting Brooder	20	\$ 81.50
2 No. 48-4216—Growing and Finishing Batteries	23	233.70
Total Cost		\$315.20

100 BROILERS PER WEEK

1 No. 48-6405A—Elec. Starting Brooder	21	\$ 99.25
2 No. 48-4216—Growing and Finishing Batteries	23	233.70
Total Cost		\$332.95

150 BROILERS PER WEEK

1 No. 48-9007—Elec. Starting Brooder	22	\$131.50
3 No. 48-4216—Growing and Finishing Batteries	23	350.55
Total Cost		\$482.05

200 BROILERS PER WEEK

	Page	Price
2 No. 48-6405A—Elec. Starting Brooders	21	\$198.50
4 No. 48-4216—Growing and Finishing Batteries	23	467.40
Total Cost		\$665.90

200 BROILERS PER WEEK

2 No. 48-7615—Elec. Starting Brooders	20	\$163.00
4 No. 48-4216—Growing and Finishing Batteries	23	467.40
Total Cost		\$630.40

300 BROILERS PER WEEK

2 No. 48-9007—Elec. Starting Brooders	22	\$263.10
6 No. 48-4216—Growing and Finishing Batteries	23	701.00
Total Cost		\$964.10

500 BROILERS PER WEEK

5 No. 48-7615—Brood-Mor Starters	20	\$ 407.50
10 No. 48-4216—Growing and Finishing Batteries	23	1168.50
Total Cost		\$1576.00

All Prices F.O.B. Quincy, Ill.

The Result of 20 Years of Experience

This Magnificent New "Aristocrat" 100-a-week capacity Broiler Plant is the result of 20 years' experience in the designing and manufacturing of battery brooders, as well as years of experience raising broilers in batteries. It is the "blue blood" among broiler plants. Brower's huge production facilities makes possible this high quality Broiler Plant for only \$315.20.

A Business of Your Own That Should Make You \$1560.00 to \$2080.00 Yearly

Haven't you often wanted a business of your own—where you could be your own boss—where all profits would go to you? If you have you are no different from thousands of other folks. The big drawback in starting a business of your own usually is the large investment required and the length of time involved before you receive any return on your investment. With a Brower "Aristocrat" 100-a-week capacity Broiler Plant you have an income every week after the eighth week, yet your investment in equipment is small. With this plant you have 100 broilers (less mortality) to sell to a premium trade each week, after the eighth week. If you only make 30c on each bird (and this is low indeed for a quality uniform broiler) you have an income of \$30.00 each week or \$1560 per year. You have a quick turnover—your investment is low—and you can operate every week in the year if you so desire. Think of the hotels, restaurants, taverns, eating stands, and roadside inns right in your own locality. They are all prospects for your battery-raised broilers at premium prices. You can also sell direct to the consumer where your margin of profit is larger.

A day-old chick usually costs 12 to 14 cents. Six pounds of feed (enough to produce a two-pound broiler) at present prices would cost about 33c. Your fuel and electricity would not exceed a penny a bird. 47c to 49c should therefore take care of the cost of a two-pound broiler.

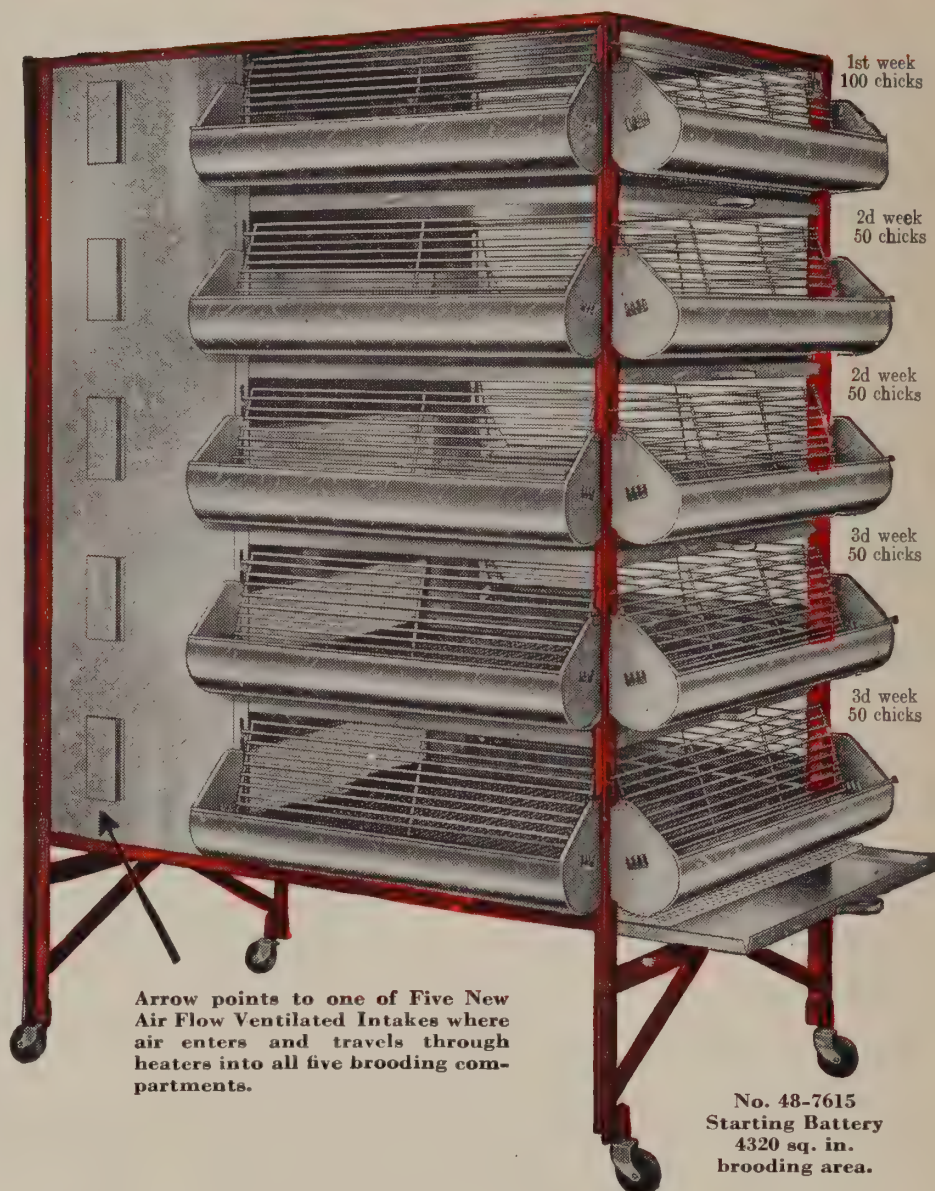
Battery Broilers usually sell on specialized market at .50 to 55c per pound. That means you may double your money by going at the broiler business in the right way. You would have about one hundred broilers to sell weekly—5200 two-pound broilers per year. Brower equipment prices are low; poultry produce prices are high. Is not this what you have been waiting for? (Above figures are estimated, and based on present prices.)

All Brower Battery Brooders, including the new "Aristocrat," are so designed that the capacity may be easily increased as your business expands. It is not necessary to discard any of the equipment you originally installed in order to increase the capacity of your plant.

Sold on Brower's Famous 30-Day Trial Guarantee

When you buy a Brower Broiler Plant, you can be confident that it will measure up to our claims, as these plants, like all other merchandise in the Brower Line are sold under Brower's Famous Guarantee, terms of which are outlined on page 3. Read this Brower Guarantee carefully. It is your protection when buying Brower Equipment.

The best evidence to prove that broiler raisers are having excellent results with Brower Broiler Plants are the many letters of endorsement we have received from users. The letters reprinted on the preceding pages are typical. Read them carefully.



Arrow points to one of Five New Air Flow Ventilated Intakes where air enters and travels through heaters into all five brooding compartments.

No. 48-7615
Starting Battery
4320 sq. in.
brooding area.

THE STARTING BATTERY

Brower's New No. 48-7615 "Air-Flo" Brood-Mor Electric Starting Batteries furnished with the plant shown here are, we believe, the finest brooders ever offered. Each deck equipped with Brower's New Ventilated "Air-Flo" Heaters—100-watt capacity. Temperature accurately controlled by Snap Acting Thermostat Switch and double brass wafer. No radio interference. Each deck has pilot light.

Special heat economizer canopy mounted in each deck has 1" air insulation space between canopy and top of deck. This helps prevent heat loss. Round door 6½" in rear of each deck permits easy inspection and removal of chicks. No drawers to pull out. Feed and water troughs and wire grills easily removable. Wire grills adjustable for chicks of various ages. Feed troughs equipped with feed saver lip.

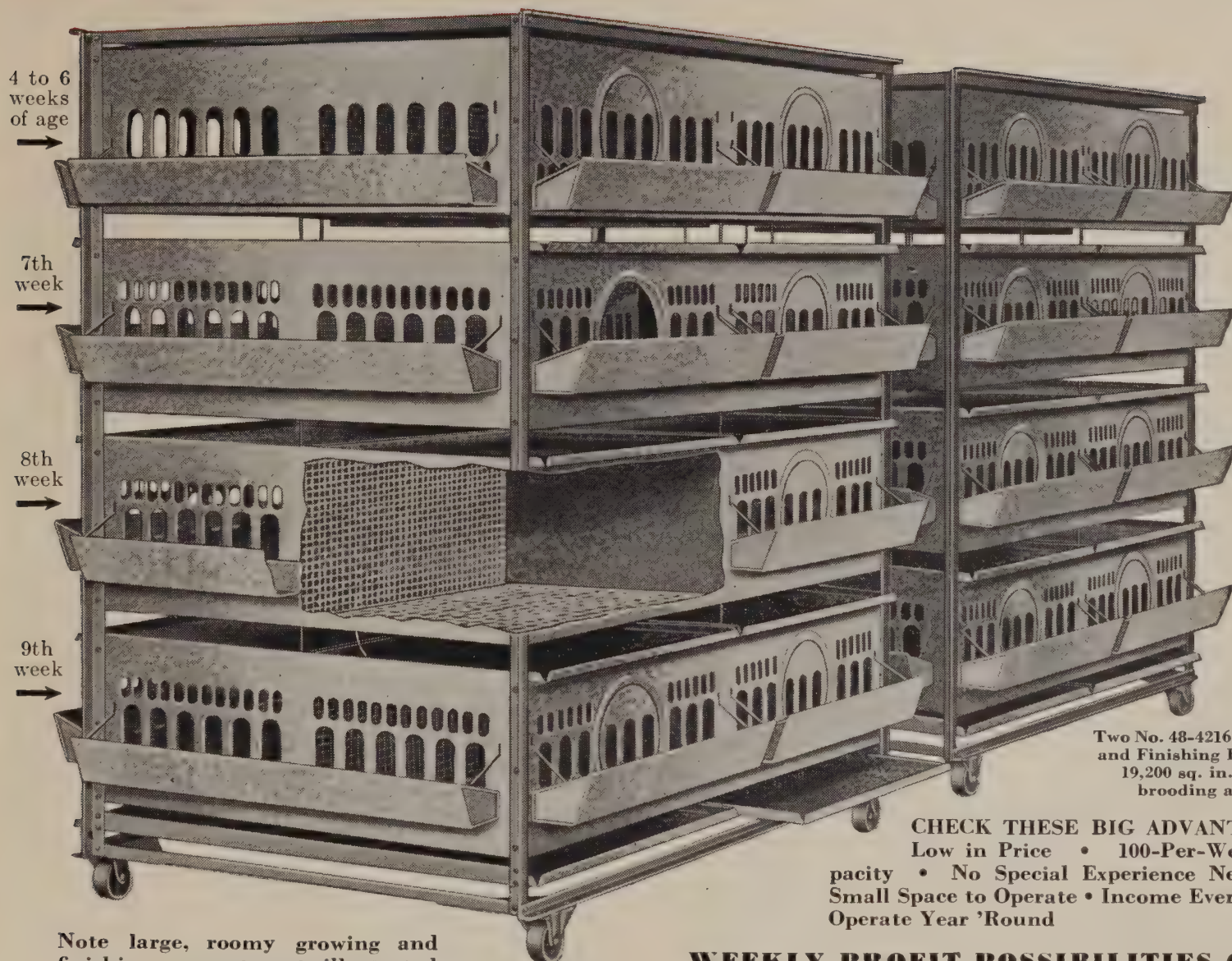
All metal construction—made of heavy galvanized iron. Five decks high, each deck 24"x36"x9" inside measurements. Frame of 1"x1"x½" angle iron, mounted on easy-rolling casters. Heavy woven wire floors ½"x½" mesh, easily removed at front. Two feed and one water trough provide ample feeding and watering space for each deck. Heavy sturdy dropping pans easily removed at front. Dropping pans and water troughs made of HEAVY GALVANIZED IRON.

THE GROWING AND FINISHING BATTERIES

Two of Brower's No. 48-4216 Growing and Finishing Batteries are furnished with the "Aristocrat" 100-a-week capacity broiler plant. Each battery has 16 big capacity compartments each 20"x30"x14". 9600 square inches of floor space in each battery. Large feed troughs help prevent feed waste. Exclusive features found in Brower's No. 4216 Growing and Finishing Batteries assist in faster growth resulting in marketing at an earlier age, at less expense. Special patented stamped metal sides offer outstanding advantages as illustrated on page 23.

The top deck of this battery is divided into 4 compartments and designed for growing birds (4 to 6 weeks of age). The 3 lower decks are finishing sections to handle your broilers after the sixth week. See page 23 for complete specifications.

BROILER PLANT



Note large, roomy growing and finishing compartments illustrated above.

Add As You Grow

HOW TO TRANSFER THE CHICKS

Each week you start 100 chicks in one deck of the Starting Brooder. After they are one week old divide into two decks. 50 to each deck. They remain here for two weeks. At the beginning of the fourth week, the oldest chicks are removed from the Starting Battery and placed in the top deck of the No. 48-4216 Battery—25 to each compartment. Here they remain for a period of two weeks and then are moved into the Finishing Sections below until ready for market, which usually is 8 to 10 weeks. Complete booklet of Operating Instructions and Broiler Plant Management furnished with each "Aristocrat" Broiler Plant.

Two No. 48-4216 Growing and Finishing Batteries.
19,200 sq. in. total brooding area.

CHECK THESE BIG ADVANTAGES!
Low in Price • 100-Per-Week Capacity • No Special Experience Necessary
Small Space to Operate • Income Every Week
Operate Year 'Round

WEEKLY PROFIT POSSIBILITIES OF \$41.00 TO \$62.00

Here is an estimate of producing 100 broilers weighing 2 lbs. 100 chicks \$14.00; 600 lbs. feed at 5½¢ per lb., \$33.00 (6 lbs. per broiler); electrical cost, \$1.00 (1¢ per chick); mortality and int., \$1.00. Total cost, \$49.00 for 100 broilers. Estimated selling price, 45¢ per lb. Total income, \$90.00. The difference is a labor income of about \$41.00. With a 150 capacity you should make about \$62.00 after the first 8 weeks. At 45¢ per lb. your profit should be from \$51.00 to \$76.00 weekly. Complete operating instructions and broiler plant management suggestions supplied with your order. We know of no like amount invested that will make more money in less time.

Profits Soon Pay for Equipment

I can furnish a letter of encouragement to the beginner. I have just finished and sold 500 broilers this spring, handled 200 last spring, 200 in the fall, a total of 900 broilers, and believe it or not, profits more than paid for my Brower Battery Equipment. *W. B. Northcutt*

PRICES AND SPECIFICATIONS

100-PER-WEEK BROILER PLANT

Nos.	Units	Description	Ht.	Width Over All	Ship. Wt.	Price Each	Amount
48-7615	1	Starting Brooder	64½"	33"x41"	222 lbs.	\$ 81.50	\$ 81.50
48-4216	2	Finishers	72"	50"x72"	800 lbs.	116.85	233.70

Cost of Complete 100-a-week Broiler Plant, ready to operate.....\$315.20

150-PER-WEEK BROILER PLANT

48-9007	1	All-Purpose Starter	68"	40"x55"	327 lbs.	\$131.50	\$131.50
48-4216	3	Finishers	72"	50"x72"	1200 lbs.	116.85	350.55

Cost of Complete 150-a-week Broiler Plant, ready to operate.....\$482.05

F. O. B. Quincy, Ill. Shipped K. D. Easily Set Up.

See page 22 for full description and chick capacity of No. 48-9007 Battery. Nos. 48-7615 and 48-9007 Starting Batteries can be purchased separately

BROWER'S

40-a-Month BROILER PLANT

Starter—Grower and Finisher—All in One Unit



Makes Raising Broilers Easy

An ideal plant for city, town or country folks to raise broilers for their own use, plus a few extra to sell. Easy to operate. A half-hour in the morning and evening will do the job. A child can take care of it before and after school and thus earn his spending money. No special building required. Fine for use in basement, shed or garage. Thirty to forty chicks are started in top deck every four weeks. At four weeks of age they are divided and placed in two lower decks. You should raise $1\frac{3}{4}$ to 2 lb. broilers in 8 to 10 weeks with this unit. At present feed prices, the cost should be no more than about 24c a pound. See chart on page 7 of catalog showing profit possibilities in the raising of broilers. Think of the saving on your monthly meat bill and how nice it would be to have tender delicious broilers for your table whenever you want them. If you sell the broilers for only 40c a pound, your profit should be \$32.00 on 100 broilers. Don't delay any longer in getting started. Only \$40.95 buys this 40-A-Month Broiler Plant. Like all other Brower merchandise, Brower's 40-A-Month Plant is sold under a money-back guarantee to be as represented.

Check These Outstanding Features

1. Starting deck made of aluminum, Growing and Finishing units made of heavy wire, braced with angle iron.
2. Equipped with easy rolling casters.
3. Wire Floors and Dropping Pans easily removed by sliding out at front.
4. Starting Unit has Water Pan on front and one Feed Pan on each side. Growing and Finishing Units have one Water Pan and one Feed Pan to each deck.
5. Starting Unit equipped with $\frac{1}{2} \times \frac{1}{2}$ inch wire floors. Growing and Finishing Units equipped with $\frac{3}{4}$ inch floors.
6. Headroom Starting Unit 9 inches, Headroom Growing and Finishing Units 14 inches.
7. Overall dimensions: Height 53", width 31", length 42".
8. Inside dimensions, 24x36 inches.
9. Starting Unit equipped with 100 Watt Nichrome Heating Unit. Operates on 110-120 Volt A.C., 60 cycle.

SPLENDID FOR DEALER DISPLAY

An excellent battery for hatcherymen and feed stores to demonstrate chick growth at various ages. Helps increase chick sales—helps the feed dealer sell more starting and growing mash. Bright aluminum finish of starting unit together with red grills and frame, make brooder attractive. It's easy to keep clean and sanitary. Visibility excellent from all four sides. Light in weight, easy to handle. Just the right size for a neat display in the dealer's window.

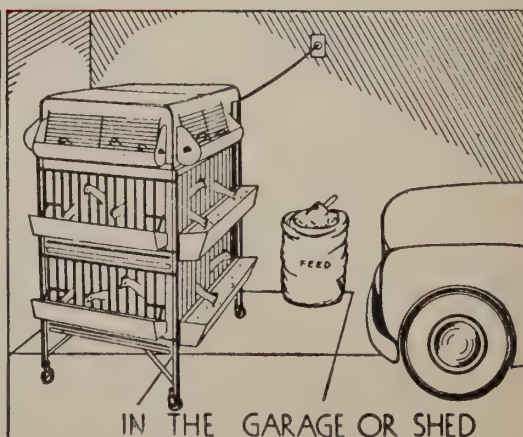
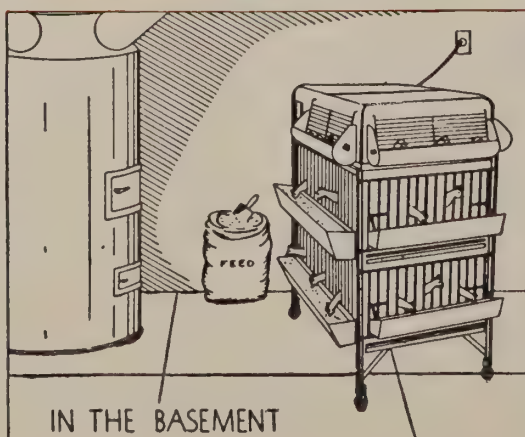
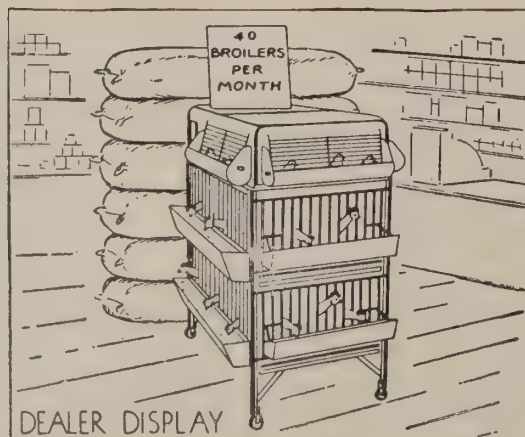
PRICES ON 40-A-MONTH PLANT

No. 48-4201A—3 Deck Complete as illustrated. With Electric Starter. Shipping weight 108 lbs. Price.....\$40.95

No. 48-4200A—2 Lower Decks only, including casters and cover. Shipping weight 77 lbs. Price.....\$25.00

Shipped K.D.—F.O.B. Quincy, Ill.

It's Easy To Install and Operate a 40-A-Month Plant



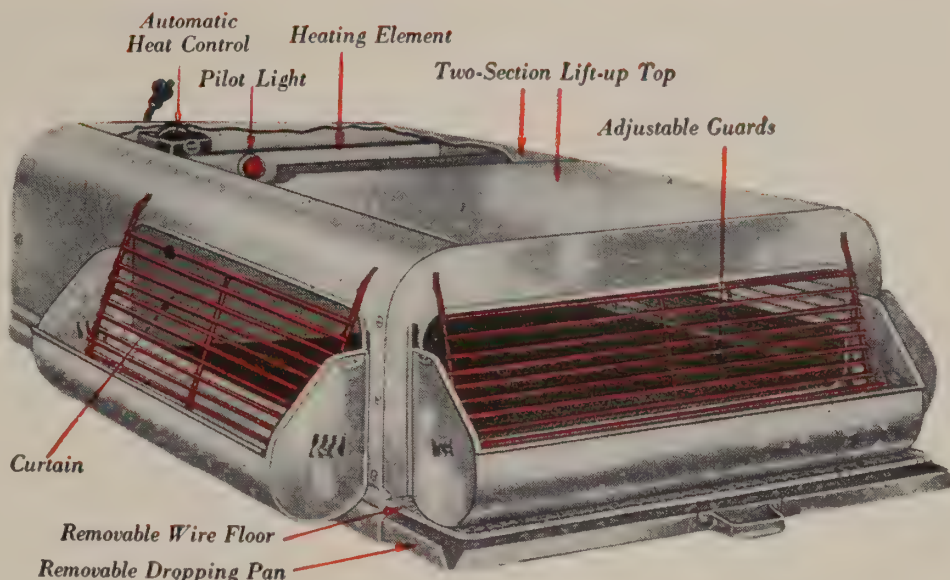
BROWER'S

Mother Hen BROODER

Made of Lightweight, Long-lasting Aluminum

Used By Thousands

Brower's Mother Hen is the ideal brooder for those who wish to raise only a few chicks. Can be used in basement, shed or garage, or in any other room where temperature does not go below 50 degrees. Fine for use on table. Gives chicks a good start and keeps them healthy so they will grow fast—mature more quickly. Cuts chick mortality to the minimum. Easy to take care of—a few minutes each day is all that is required to keep brooder clean and sanitary, and to fill feed and water troughs. A child can take care of it before or after school. Will handle chicks up to five weeks of age. Capacity varies with age of chicks. 100 Watt Nichrome heating element and Brower's reliable snap-action switch maintain correct brooding temperature night and day. Economical to operate. Made throughout of the best materials to give years of trouble-free, dependable service.



Start A Broiler Plant

An outstanding feature of the Mother Hen Brooder is the chance it gives for expansion. You can start with one No. 6401A Brooder and then later by adding a No. 4200A unit described on page 18 make a 40-a-month plant. Or with the Nos. 3F or 4F Rack described on page 21 make a starting battery of up to 5 decks. The No. 3F Rack will hold up to 3 of the Mother Hen units; the No. 4F will take care of up to 5. Many customers have started with one Mother Hen Brooder and are now operating large, profitable broiler plants. You, too, will find it easy to brood chicks in the Mother Hen.

Fine For Displaying Chicks in Stores or Windows

Brower's Mother Hen Brooder is sure to get plenty of attention when used for displaying chicks in stores or windows. Its streamlined design and bright aluminum finish together with red grids make brooder very attractive. Shows chicks off to best advantage. Easy to keep clean, shiny and sanitary. Two-piece top makes it easy to remove chicks. Light in weight—easy to handle. A big time and labor saver. Hatcherymen and Feed Dealers should find it a big help in increasing chick sales. Brooder may be sold together with chicks.

Made of Strong, Durable Aluminum

Brower is proud to offer the 1948 Mother Hen Brooder made of aluminum. Aluminum construction makes it so light that a woman or child can handle it without difficulty. It is rigid and strong. Will give years of good service under hard usage. It will retain its bright finish. Easier to keep clean and sanitary. Streamlined in design.

Sold on 30-Day Trial Guarantee

The Mother Hen Brooder, like all other Brower Equipment, is sold under Brower's Famous 30-Day Trial Guarantee, terms of which are fully explained on page 3. Read this guarantee carefully. It is your protection when ordering Brower merchandise. There can be no better advertisement for the Mother Hen than the thousands of satisfied customers who are now using it. It has always been recognized as the outstanding brooder in its particular class.

Features You Will Like

- 1. Rigidly constructed of long-lasting aluminum.** Will give years of trouble-free service. Light and easy to handle.
- 2. Two-piece top.** Makes it easy to inspect and remove chicks.
- 3. Has two compartments separated by heat retaining curtain.** Sides of brooding compartment are solid to confine heat. Chicks eat, drink and exercise in front compartment. This arrangement results in quicker feathering and healthier, faster-growing chicks.
- 4. Feed and water troughs easily removed for cleaning.** Equipped with two 21 inch feed troughs, one 21 inch water trough. Specially designed to prevent feed waste.
- 5. Welded wire grids.** Adjustable to four positions for various age chicks. Grids painted red. Keeps chicks from contaminating feed and water.
- 6. Wire floors and dropping pans easily removed.** $\frac{1}{2}$ "x $\frac{1}{2}$ " wire floors and dropping pans slide out at front of battery for easy cleaning.
- 7. 100-Watt Nichrome heating element.** Operates on 110 volt, 60 cycle A.C.
- 8. Brower Magnetic Thermostat Switch** insures correct brooding temperature at all times. Completely enclosed in dust-proof, bakelite case. No danger of short circuit—no radio interference.
- 9. Economical and dependable.** Made throughout of best materials to give good service. Designed to save time and labor, to operate economically and to help chicks mature faster. Comes complete with heavy-duty cord, plug and socket for pilot light bulb. (Pilot light bulb not furnished).

Prices and Specifications

No. 48-6401A—Electric Brooder. Capacity 125 day-old chicks, allowing 7 sq. in. per chick. Drawer size 24"x36", 9" high. Overall length 41 $\frac{3}{4}$ ", width 33 $\frac{1}{4}$ ", height 10 $\frac{7}{8}$ ". Furnished for 110 volt A.C. current only. Weight 31 lbs.

Price. \$15.95

F.O.B. Quincy, Ill.—Shipped K.D.

BROWER'S

Brood-Mor ELECTRIC BROODER

With the New Improved Air-Flo Heating Elements

EIGHT NEW FEATURES

Insure safe brooding of your chicks at less cost.

1. "Air-Flo" fresh air ventilating heater preheats incoming fresh air in each deck. Foul air is forced out under curtain. **2.** Heat-retaining sub-ceiling in each deck to save heat and cut operating cost. **3.** Extra-rigid construction due to welding, bolting and riveting. **4.** Adjustable wire grids in feed and water troughs allows handling chicks of various ages in the various compartments. Grids prevent chicks drowning and help save much feed. **5.** Grids and Troughs easily removed for cleaning. **6.** Safe operation insured against electric shock, fire hazard, etc. **7.** Slide door, 6½" diameter in rear of each compartment for easy inspection and removing chicks. **8.** Electric brooding cost is saved by being able to use one or more decks separately at a time, to brood 125 or up to 625 chicks.

Give Chicks the Proper Start

Here is our answer to poultrymen wanting a low-price Battery Brooder, sturdily built of heavy galvanized steel and of scientific design. Just the thing for the farmer, housewife, 4-H Club boys or girls or poultrymen to use as a starting brooder in the basement, garage or kitchen for the first few weeks until chicks no longer require heat and can be moved to other quarters. We know of no other brooder that offers you better service and quality anywhere near this low price requiring so little electricity to operate. Every detail of the Brood-Mor construction is of Brower's best, as to material, workmanship and design.

Display Chicks in the Brood-Mor

Many hatcheries, feed stores and chick dealers are using the Brood-Mor for displaying, starting and selling their chicks. Swivel casters make it easy to place the chick display in the most salable spot. Five large compartments, 24 x 36" with 9" head room give ample space for 125 day-old chicks per deck. The five-deck brooder will easily handle 625 day-old chicks. Fine to use one or more decks.

Many dealers advertise and sell both chicks and battery to their customers. The Brood-Mor is excellent for starting and brooding chicks up to 4 weeks of age. Many poultrymen do not have a satisfactory house for brooding chicks. The Brood-Mor is just the Battery to use. Place it in the basement, kitchen, spare room or garage where temperature doesn't drop below 50 degrees.



Inside View of Brooding Compartment showing fresh air entering Air-Flo Electric Heater from outside. Thermostat control and rear slide door. Cloth curtain protects chicks from drafts. Foul air is removed under curtain.

Showing Ease of Removing Chicks Through Door in Rear.

FEATURES • SPECIFICATIONS • PRICES

All-Metal Construction—Made of heavy galvanized metal—securely bolted, welded and riveted for great strength.

Frame of Heavy Angle Iron, 1 x 1 x ¼", painted red—rigidly braced and securely mounted on easy rolling swivel casters.

Heavy, Smooth Woven Wire Floors—½ x ½" mesh. Slide out easy at the front.

Dropping Pans—24 x 36"—Removed by sliding out at front.

Feed Troughs—Two to each deck. Water Troughs—One to each deck, located at front of battery.

Head Room, 9 inches. Inside floor area, 24 x 36"—864 square inches per deck, 4,320 square inches per five-deck battery.

Heating Unit—Bottom deck equipped with 160-watt, other decks with 100-watt Air-Flo Type Heaters; automatically controlled with Magnetic Snap Switch.

Special Heat Deflector mounted in each deck—giving 1" space between canopy and top of deck.

Feed Troughs, Water Troughs and Wire Grills Easily Removable. Wire Grills adjustable to three different positions. Feed Pans equipped with feed saver lip.

6½ inch Slide Door in rear panel of each compartment. Easy to inspect or remove chicks.

No.	Description	Chick Cap.	Over-all Width	Over-all Height	Shipping Weight	Price
48-7615	5-Deck Elec.	625	33 x 41"	64½"	222 lbs.	\$81.50

Shipped K.D.—Easily Assembled—F.O.B. Quincy, Ill.

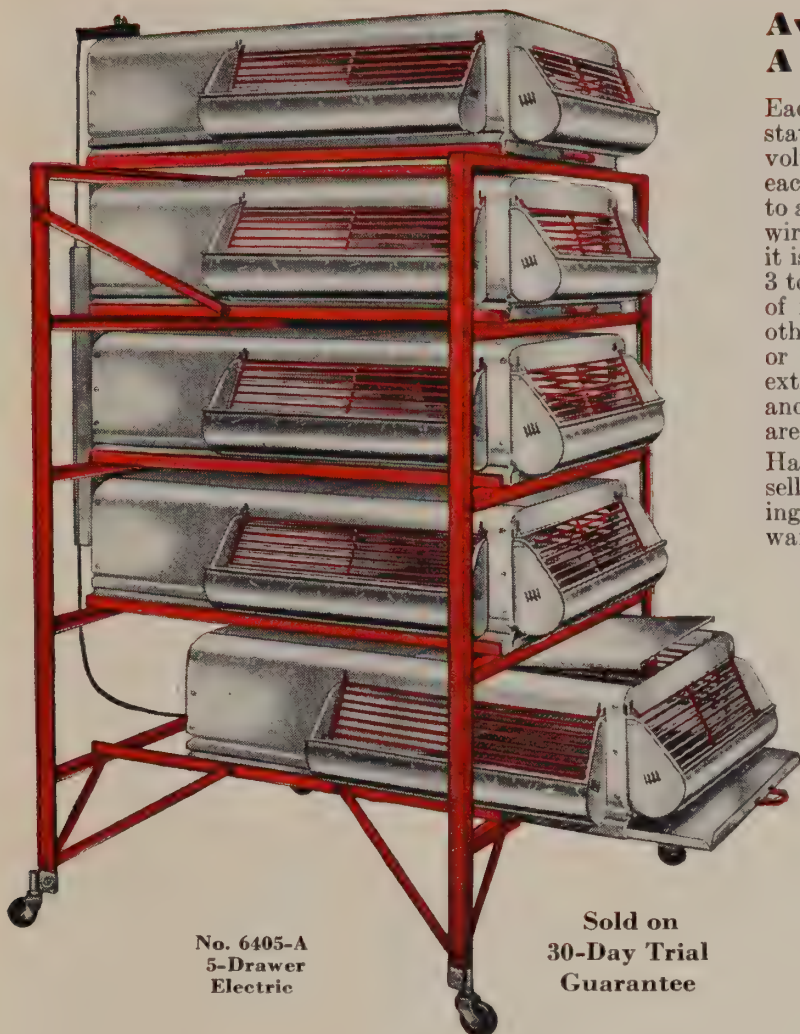
REPAIR AND EXTRA PARTS

½" x ½" Woven Wire Floor—24" x 36"	\$2.80
24" x 36" Dropping Pan	1.85
Feed Trough, 25½" Long	1.05
Water Trough, 20" Long	1.10
No. 1WB Wafer	.35
No. A 100-Watt Heater for Upper Decks	2.70
No. A1 160-Watt Heater for Bottom Deck	2.90
No. C38S Thermostat Switch and Wafer	2.55
No. 7-L Pilot Light Bulb	.25

BROWER'S

DeLuxe Electric Battery Brooders

Rigidly Constructed—Safe and Easy To Operate



Available in Five Sizes - - - Each Drawer A Complete Brooder

Each drawer equipped with 100 watt nichrome heater, Brower Thermostat Heat Control, cord and socket for pilot light. Operates on 110-120 volt A.C. As many drawers can be operated at one time as desired, as each operates independently of the others. Only one lead from socket to a separate plug-in panel on brooder rack, from which separate plug-in wires go to each drawer. Especially adaptable for broiler plants where it is used as a Starting Brooder. Here the chicks are raised for the first 3 to 5 weeks . . . and then transferred to Finishing Batteries. Two sizes of racks are furnished—one for two and three drawer units and the other for four and five drawer brooders. Customer can start with a two or four drawer brooder and later on increase capacity by adding an extra drawer. Or it is possible to start with one No. 6401A single unit and buy rack later when additional units are desired. Prices of racks are listed below.

Hatcherymen find Brower's DeLuxe Batteries ideal for displaying and selling chicks as each drawer slides out of the rack as a complete brooding unit, and can be sold outright . . . chicks and all . . . to customers wanting fifty to a hundred chicks.

Check These Outstanding Features

- 1. Brooding Units are made of Aluminum.** Rustproof and durable. Extra rigid to give years of service. Light and easy to handle.
- 2. Each drawer is a Complete Brooder** with 100 watt heating element, Brower Snap-Action Thermostat Heat Control Switch. Drawers are 24" x 36", with 9" headroom.
- 3. Two Piece Top** for easy inspection and removal of chicks.
- 4. Two Compartments to Each Deck.** Separated by heat retaining curtain. Sides of brooding compartment are solid to confine heat. Chicks eat, drink and exercise in front compartment. Insures quick feathering—healthier, faster growing chicks.
- 5. Feed and Water Troughs Easily Removed for Cleaning.** Each deck equipped with two 21 in. feed troughs, one 21 in. water trough. Specially designed to prevent feed waste.
- 6. Grids Adjustable for Various Age Chicks.** Rigidly welded. Painted red. Quickly adjustable to four positions for various age chicks.
- 7. Floors and Pans Easily Removed.** $\frac{1}{2}$ " x $\frac{1}{2}$ " mesh floor and dropping pan slide out at front of battery. All edges turned smooth.
- 8. Rigid Frame made of Heavy Angle Iron.** Painted red. No place to harbor lice or disease germs.
- 9. Equipped with Easy Rolling Casters.** A woman or child can operate and move battery without difficulty.

Safe—Economical—Dependable

An outstanding line of Battery Brooding Equipment—the result of many years of Brower research, study and engineering. Rigid construction throughout guarantees years of satisfactory service, at low cost. Designed to take all the guesswork out of Battery Brooding. Can be operated in basement, shed, garage or any room where temperature does not fall below 50°. Built compact, requires very little floor space. Ideal to give chicks the proper start, or for use in Broiler Plants. Drawers are 24" x 36", with 9" headroom to give chicks plenty of room. All parts accessible for easy cleaning. Smooth turned edges add to its rigidity and prevent injury to chicks and hands.

PRICES AND SPECIFICATIONS

All Brooders are complete as illustrated shipped Knocked Down with operating instructions. Easily assembled. Capacity based on day-old chicks, at the rate of 125 chicks to each drawer. Furnished for 110-120 voltage, alternating current only. Can be operated from the ordinary electric light socket.

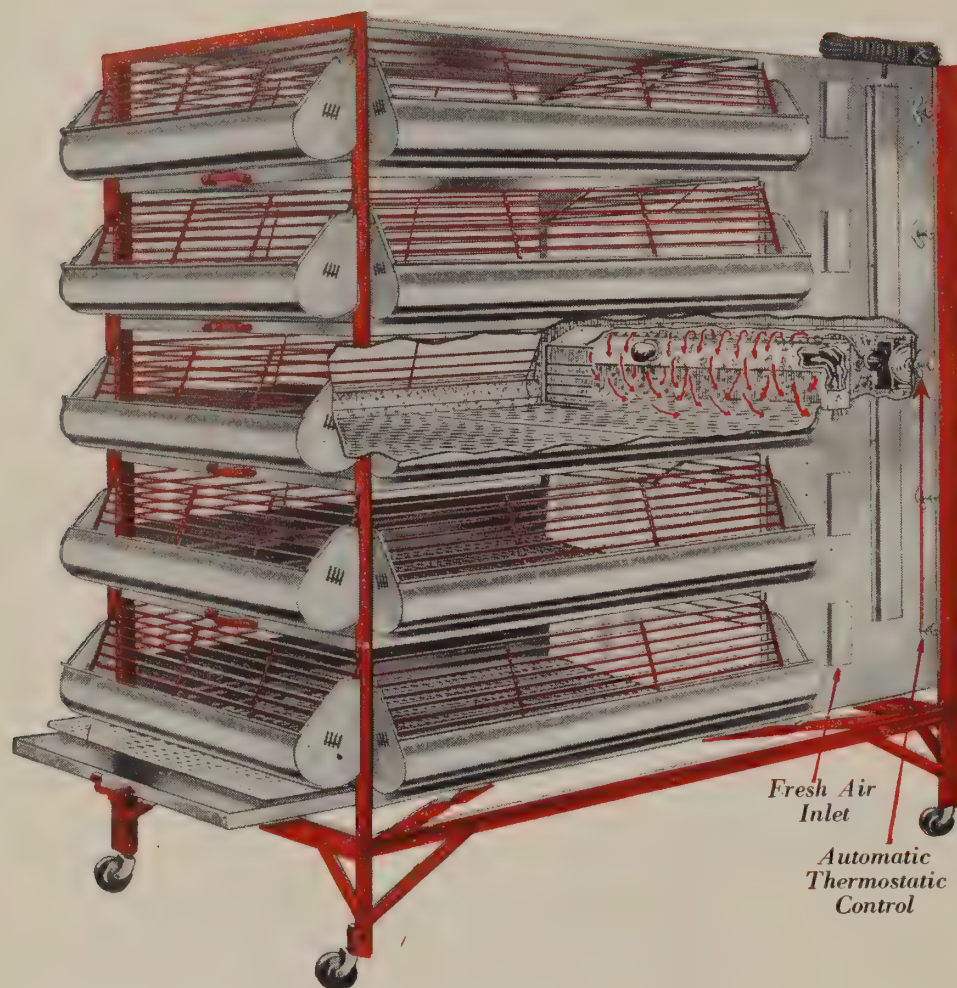
No.	Description	Chick Capacity	Over-all Width	Height Over-all	Drawer Depth	Weight	Price Complete
48-6401A	1-Drawer "Air-Flo" Battery	125 day-old	41 $\frac{3}{4}$ " x 33 $\frac{1}{4}$ "	10 $\frac{7}{8}$ "	9"	31 lbs.	\$15.95
48-6402A	2-Drawer "Air-Flo" Battery	250 day-old	37" x 38"	36"	9"	98 lbs.	48.15
48-6403A	3-Drawer "Air-Flo" Battery	375 day-old	37" x 38"	47"	9"	129 lbs.	64.10
48-6404A	4-Drawer "Air-Flo" Battery	500 day-old	37" x 38"	62"	9"	190 lbs.	83.30
48-6405A	5-Drawer "Air-Flo" Battery	625 day-old	37" x 38"	73"	9"	221 lbs.	99.25
48-V	Brower's Violet Light Pilot Bulb, recommended for use in above brooders, Price each.						.75
48-3F	Portable Rack with Electric Panel, for 2 and 3 individual drawer units, wt. 36 lbs., price.						16.25
48-4F	Portable Rack with Electric Panel, for 4 and 5 individual drawer units, wt. 65 lbs., price.						19.50

All Brooders shipped K.D. easy to assemble, F.O.B. Quincy, Ill.

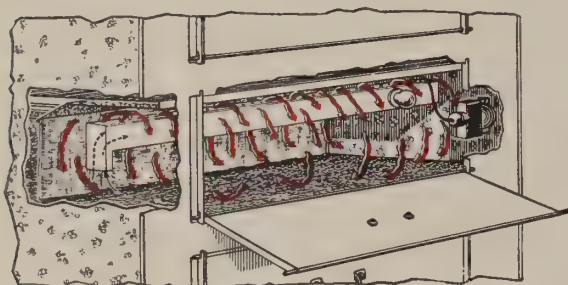
BROWER'S

All-Purpose ELECTRIC BROODER

Equipped With Air-Flo Heaters—Broods Chicks or Poult



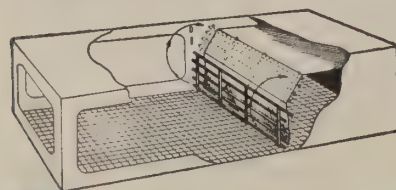
"Air-Flo" Ventilating Heater



Showing Rear Door and "Air-Flo" Ventilating Heater.

heater deflects heat down around entire body of chicks. Helps prevent heat loss.

Hinged Grill Helps in Removing Birds



See illustration at left showing use of hinged grill for easy removal of chicks. Simply drive chicks to the back or front and drop Hinged Grill to Wire Floor. A big time and labor saver when removing chicks from battery.

Gives Chicks Good Start

This "All-Purpose" Brooder we designed especially for the poultryman who prefers warm and cool compartment brooding. It offers a dependable, time and money-saving means of handling chicks. Brooding temperature easily controlled. Complete sanitation is easy to maintain. One of the best batteries in which to start chicks. It is just what is needed to produce Started Pullets, for which there is usually a big demand. Ideal for use in Broiler plants as a battery for starting chicks up to five weeks old. Wire grills are spaced to make ratproof. Chicks cannot escape.

Seven Special Features

That Save Chicks, Feed and Brooding Costs

1. Capacity—1,000 day-old chicks (200 per deck); 750 two weeks old; 375 four to five weeks old. Cares for chicks up to five weeks. Operates in room temperature of 50 degrees or more. Each section is 30" x 48"; 1,440 sq. in. per deck; 7,200 sq. in. per battery.
2. All decks equipped with a Brower Improved "Air-Flo" 120 Watt Ventilating Heater except bottom deck which has 160 Watt Element due to lower floor temperature. Temperature controlled by Brower's Automatic Snap Switch—7½-watt red pilot light furnished. No radio interference. Each deck can be operated separately, thus saving money on small broods.
3. Heat-retaining canvas curtains separate brooding compartment in rear from exercising and feeding compartment in front. The hinged wire grid partition can be lowered in front of curtain as a divider between the front and rear compartments. This permits easy removal of chicks through large convenient door in the rear panel or sides of each deck.
4. Two feed-saver streamline designed feed troughs and one heavy galvanized water trough—all 31¾" long. Feed and water pans easily removable from battery. Adjustable wire feed guard will adjust feed openings to four different positions for chicks of different sizes.
5. Overall height, 68"; overall width, 40" x 54"; head-room, 9"—Five big capacity decks.
6. Sturdy construction—frame built of 1" x 1" x ½" angle iron, body of heavy galvanized sheet iron and wire, and equipped with large, easy-rolling casters.
7. Floors and dropping pans are easily removable. Dropping pans made of heavy galvanized iron. Floors are ½" x ½" mesh heavy woven wire. Two 24" x 30" floors in each deck. Note illustration how easily they slide out.

Repair and Extra Parts

½"x½" Mesh Heavy Woven Wire Floor—24"x30". . . .	\$2.50
24"x30" Dropping Pans	1.75
Feed Trough	1.15
Water Trough—31¾"	1.20
Caster	.75
Air-Flo Heater (state for what deck) each	3.00
Pilot Bulb, 7½-Watt	.25
No. 1WB 3" Wafer	.35
No. C38S Thermostat Switch and Wafer	2.55

SPECIFICATIONS AND PRICES

Cat. No.	Size Brooder	Chick Capacity	Floor Space	Height Over All	Width Over All	Approx. Weight	Price
48-9007	5-Deck	1,000 day-old	7,200 sq. in.	68 in.	40x54 in.	327 lbs.	\$131.50
Shipped Knocked Down—Easy to Assemble			F. O. B. Quincy, Ill.		Equipped for 110-volt A. C. current only.		

BROWER'S

Growing and Finishing Battery

Extra Heavy Galvanized Steel Construction

AN OUTSTANDING BUY

*Will Handle 200-2-lb. Broilers
or 175-2½-lb. Broilers*

Here is truly the outstanding buy in a combination Growing and Finishing Battery. The top deck consisting of 4 compartments is designed to handle growing chicks from 4 to 6 weeks of age. The three lower decks (12 compartments) are arranged for handling birds from 4 weeks to Broiler size (6 to 12 weeks). The compartments are compact 20x30 inches which broiler raisers will appreciate as a small number of birds may be placed in each compartment.

Results have proven that battery broilers develop much better when placed in small groups than where a large number are raised in one compartment. The reason for this is the birds are not so nervous and less fighting and cannibalism occurs.

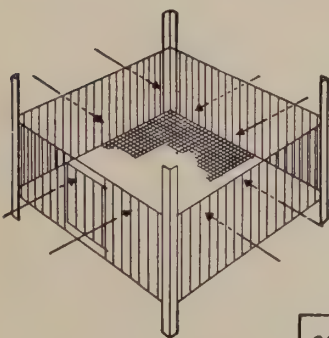
Broiler raisers everywhere prefer the patented Brower design finisher instead of the "open wire" type. Read below why the Brower Design is so popular with broiler raisers—North—South—East—and West.

Why Brower Uses All Metal Battery Front Construction



WIRE FRONT TYPE

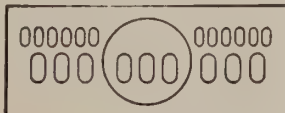
Allows drafts to enter from all four sides. Too much light enters from all sides, causing nervous birds and many cases result in cannibalism.



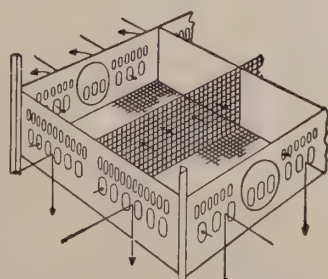
BROWER'S PATENTED DESIGN

Ample ventilation without drafts. Compartments semi-dark inside helps to prevent cannibalism—birds are more contented.

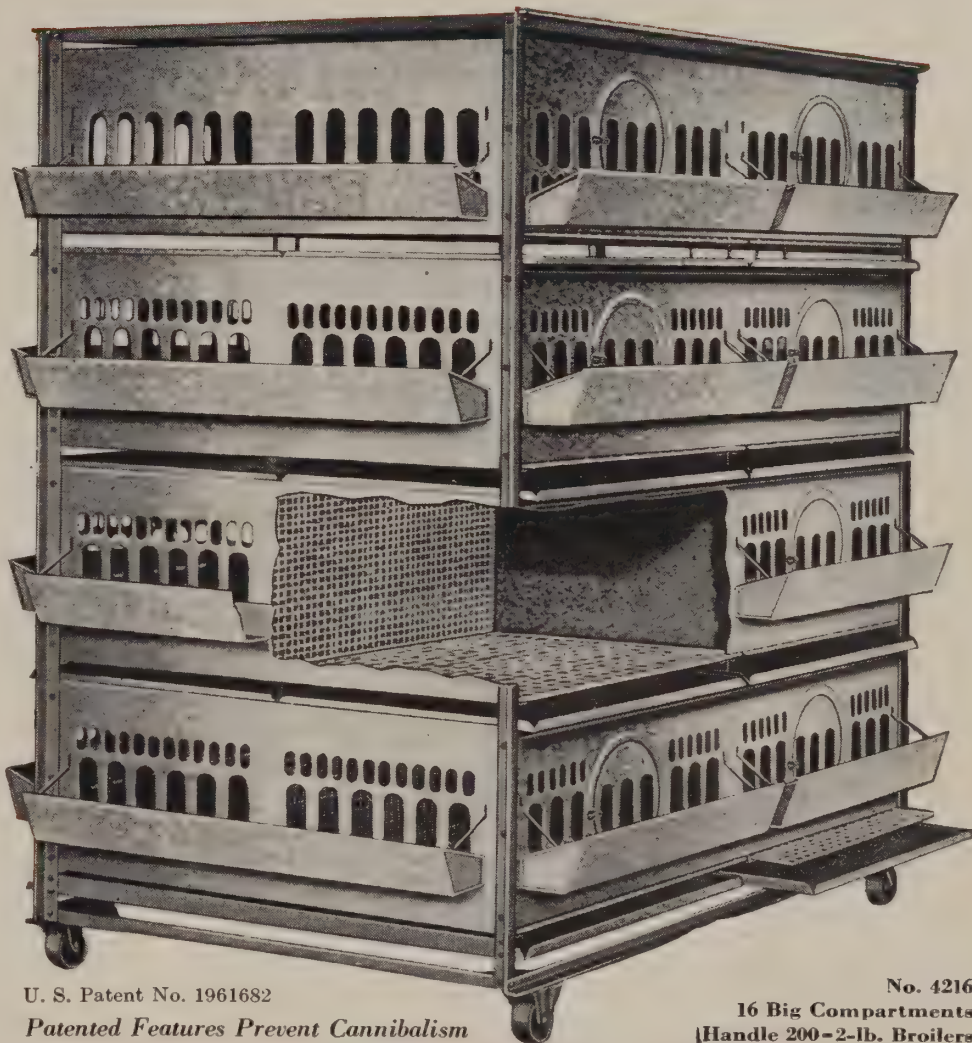
Above—Wire Cage Type



The special patented design used on Brower Batteries allows sufficient ventilation but prevents cross drafts. Note illustrations above and right. The special Brower design prevents too much light from entering the inside of the battery sections. Too much light in Growing and Finishing Batteries tends to excite the broilers and is one of the causes of cannibalism. Although sufficient light is provided for the birds to eat, the compartment itself is semi-dark and birds mature faster.



Above—Brower's Patented Design



U. S. Patent No. 1961682

Patented Features Prevent Cannibalism

No. 4216

16 Big Compartments
(Handle 200-2-lb. Broilers)

THESE SEVEN BIG FEATURES HELP

You Grow and Finish Better Broilers

1. Heavy Galvanized Steel Construction Throughout. Not a piece of wood to warp, split or crack. No crevices to become infested with mites and disease germs. Built four decks high—each deck divided into four compartments. Rigid 1" x 1" x ½" angle iron frame, on two large easy-rolling stationary casters and two ball bearing swivel casters. Easy to roll about. **2. Sixteen Big Capacity Compartments.** Each 20" x 30", with 600 square inches floor area—accommodates 200 2-lb. broilers or 175 2½-lb. broilers. Provides 9,600 square inches of floor space for the birds. Handles chicks from four weeks of age up to broiler size. **3. Ample Ventilation.** The especially designed, heavy metal sides serve to break up air currents and help to avoid drafts. Note illustration at left. ¾" space between Dropping Pan and Top of Deck allows extra ventilation. **4. Ample Headroom.** Each compartment has headroom of 14 inches, ample for 2½-3-lb. broilers. Large, round doors with automatic latch and smooth-rolled edges allow plenty of room for removing broilers from each compartment. **5. Oversize Feeding Spaces,** with smooth turned edges on holes. In the Growing Compartments of the top deck, chicks feed through the small feed holes. The three lower decks are for finishing purposes, with the large rolled edge feed holes arranged especially for safety in broiler feeding. Four special designed Feed Troughs, each 28" long, on each deck. Two Water Troughs, each 36" long, on each deck—made of heavy galvanized iron. **6. Sanitary and Convenient.** The Top Deck is fitted with sanitary ¾-inch mesh Wire Floors; all other Decks have floors with one-inch spacings. Droppings fall through instantly into the Dropping Pans which are made of heavy galvanized iron. Floors and Dropping Pans instantly slide out at front for thorough cleaning providing strict sanitation. **7. Specifications.** Sixteen Big Compartments, 20" x 30", 14" high. Overall dimensions of Battery: height 71"; width 50"; length 70". Has sixteen Feed Pans 28" long; eight Water Pans 36" long. Dimensions of Battery without Pans; width 42½", length 62".

No. 48-4216—Growing and Finishing Battery. Capacity 200 2-lb. Broilers. Shipping wt. 402 lbs. Shipped knocked down crated—easy to assemble. F.O.B. Quincy, Ill. . . **\$116.85**

Repair and Extra Parts

¾"x¾" Mesh Wire Floor—20"x30"	\$2.70
1"x1" Mesh Wire Floor—20"x30"	2.50
28" Feed Trough	.80
36" Water Trough	1.00
20"x30" Dropping Pan	1.60

Fan-Type — Made of Highest Quality Aluminum

CHECK THESE IMPORTANT FEATURES

1 CANOPY MADE OF ALUMINUM. Makes brooder light and easy to handle. It is strong and rigid — built for many years of service. Insulated with Masonite.

2 STREAMLINED DESIGN. Canopy is completely streamlined. Has smooth seams. Equipped with streamlined legs. Roost-proof—impossible for chicks to smear droppings on brooder.

3 FORCED AIR VENTILATING AND HEATING SYSTEM. Cut-away view on opposite page shows how only fresh air at correct temperature is permitted to enter brooding area. No chance for cold drafts to strike chicks. No crowding to center or smothering of chicks. Litter always dry, no sweating, or foul air under canopy.

4 OVERSIZE NICHROME HEATERS distribute heat evenly to all parts of brooder. No cold corners. Element is enclosed and suspended in an open wire unit, permitting fan to circulate fresh air over and through it, then down over chicks to all parts of brooder. Element is protected by wire screen.

5 BROWER MAGNETIC SNAP-ACTION SWITCH. Maintains desired brooding temperature at all times, even in coldest zero weather. Switch enclosed in dust-proof bakelite case, eliminating possibility of short circuits. No radio interference. Equipped with dependable Brower Wafer Thermostat.

6 HEAVY STEEL ADJUSTABLE LEGS help make brooder extra rigid. They are streamlined and adjustable for various age chicks from 5 $\frac{3}{8}$ " to 8 $\frac{1}{2}$ " in height. Height under canopy and heating unit: 300 chick capacity, 12 $\frac{1}{2}$ to 15 $\frac{1}{2}$ " — 500 capacity, 13 $\frac{1}{2}$ to 16" high. Allows plenty of height to brood chicks or poults.

7 SPECIALLY DESIGNED METAL FAN. Fan blade designed to circulate the air just right, without causing drafts. Fan motor is completely enclosed in dust-proof housing. Assures silent, dependable operation.

8 BUILT TO GIVE YEARS OF SERVICE. As modern in construction as it is in appearance. Only the best materials and workmanship have entered into its construction. Equipped with heavy denim curtains. Round mercury type thermometer extends down into brooder for accurate reading. Pilot light on outside and attraction light on inside of brooder.

9 ECONOMICAL OPERATION. Special Watt-Saver fan circulating system forces warm air down around chicks—no chance for heat to bank up in top of brooder where it would be wasted. Masonite insulation prevents heat escaping through canopy.

GERM KILLING STERILAMP AVAILABLE

The STERILAMP illustrated and fully described on page 18 is the most modern method of killing dangerous germs under the brooding canopy. Eliminates big majority of air-borne germs causing pneumonia, influenza, bronchitis, tracheitis and other respiratory diseases. Baby chicks huddled closely together under a brooder are easily susceptible to these dangerous diseases which may often wipe out an entire brood. Eliminate this danger with a low-cost STERILAMP fixture for your Watt-Saver Brooder.

For Faster-Growing Chicks and Poults

The Watt-Saver is truly a remarkable result of Brower's many years of experience in the brooding of chicks and the manufacturing of poultry equipment. It incorporates every possible feature to reduce mortality and to produce healthier, faster-growing chicks and turkey poults at the lowest cost for feed, fuel and labor. An electric brooder is unlike oil, coal or gas burners that require oxygen to make the flame providing the heat. The electric heater requires no oxygen. So chick health is better under an electric brooder. There are no fumes, no gases, and no ash dust to impair uniform growth and development of chicks. If you can produce a quicker maturing, more uniform brood of pullets or broilers, you can command a higher price as a rule for your broilers, and your pullets will get into production of premium market eggs sooner. Correct brooding temperature is maintained day or night under the Watt-Saver even in coldest zero weather by Brower's Magnetic snap-action thermostat switch.

Healthier, faster-growing chicks at lower cost mean bigger profits. That is why many poultry raisers say the Brower Watt-Saver Brooder is one of the best investments they ever made.

Low Cost Operation Means Bigger Profits

We feel there is no more economical brooder made than the Brower Watt-Saver, as it will brood chicks at a cost of only 1c to 1 $\frac{1}{2}$ c per chick. Brooding with oil costs between 2 $\frac{1}{2}$ c to 3c per chick. You can save 33 $\frac{1}{3}$ to 100% by brooding with Brower's Watt-Saver, in addition to time and labor saved. These savings should soon pay for a Brower Electric Watt-Saver Brooder.

Read What These Watt-Saver Users Say

"Your New Streamlined Watt-Saver Brooders Are Tops"

Your new streamlined Watt-Saver Brooders are TOPS in construction and operation. I have never sold a brooder to match it. Sold entire shipment the day they arrived. Enclosed is order for more of these brooders to be shipped as soon as possible as I have customers waiting for them."

M. F. Dobson, Everlay Poultry Farm, Vineland, N. J.

"Watt-Saver Best I Ever Had"

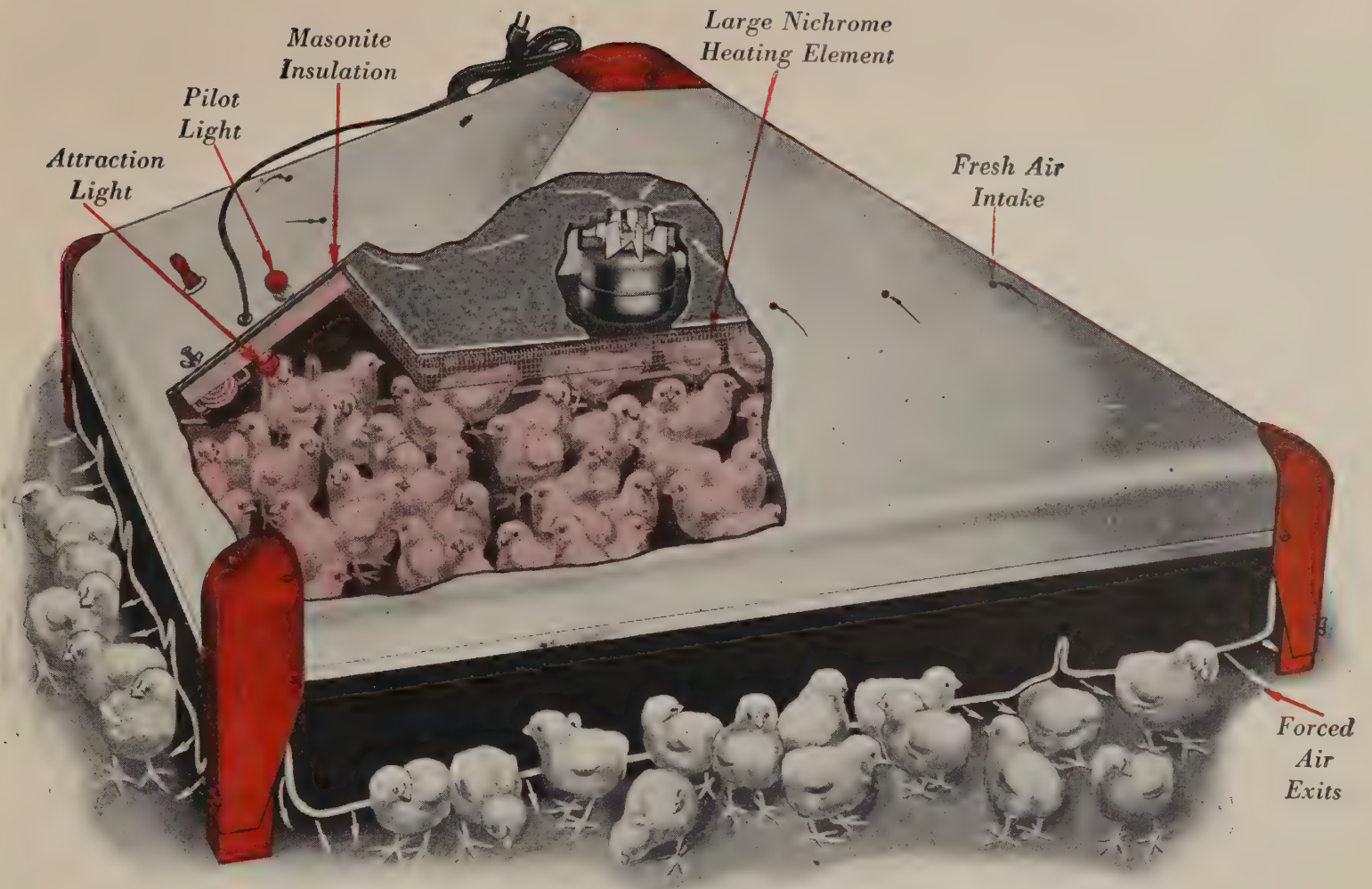
"I have one of your Watt-Saver Brooders and I would like to tell you that it is the best and I really mean the best I ever had. It requires no attention whatever after it is set."

Milton Engel, Lakeport, Calif.

"Hopes to Replace All Other Makes With Watt-Savers"

"We have one of the first Brower Watt-Saver Brooders you people made. This brooder broods four groups of poults a year. We have seven electric brooders going and brood five times a year. The Watt-Saver gives us less trouble and this year I hope we will have seven Watt-Savers replacing all other makes.

Amherst Turkey Farm, East Amherst, N. Y.



Fan-Forced Air and Heat Circulation

The special designed heat and air circulating system used in the Watt-Saver Brooder is the most efficient ever designed. Cut-away view above shows how fan draws air into top of brooder through "fresh air inlets" and then down through ceiling of hover. Fresh air is then blown out over heaters and after being instantly heated it is blown gently down around chicks. Finally it is forced out gently under curtains at edge of canopy before it has a chance to become stale or stagnant. This specially designed heating and fan ventilating system maintains proper temperature 24 hours daily . . . provides plenty of fresh air for chicks . . . distributes heat evenly to all parts of brooder . . . protects chicks from cold drafts at edge of canopy. No crowding to center, piling up in corners or smothering. Litter is kept dry and fresh, no sweating. That is why chicks brooded with the Watt-Saver are comfortable, grow faster and mature in less time. By constantly changing the air and keeping litter dry, chances of disease being spread are greatly reduced. No wonder so many poultrymen say the Watt-Saver is one of the best investments they have ever made.

Sold on Brower's Trial Guarantee—See page 3

Constructed Throughout of Best Materials

When you buy a Watt-Saver Electric Brooder you can be assured that you are buying one of the finest brooders ever manufactured. No other brooder made today has all of the outstanding features found in the Watt-Saver. The Watt-Saver can be depended upon to do an efficient job of brooding chicks or poults at the lowest possible cost.

Although the aluminum construction of hover makes brooder so light that a woman or child can tip it up with ease to inspect chicks, it is very rigid and will give many years of service under the hardest usage. Only the finest materials and highest quality workmanship have entered into the construction of this outstanding brooder.

The best evidence that the Brower Watt-Saver is all that we claim for it are the hundreds of letters we have received from satisfied users all over the world. Typical of letters we have received from users are those reprinted on opposite page.

Quality and service remain long after price is forgotten. That's why Brower's Watt-Saver Brooder is the best buy in the long run regardless of first cost.

WATT-SAVER PRICES AND SPECIFICATIONS

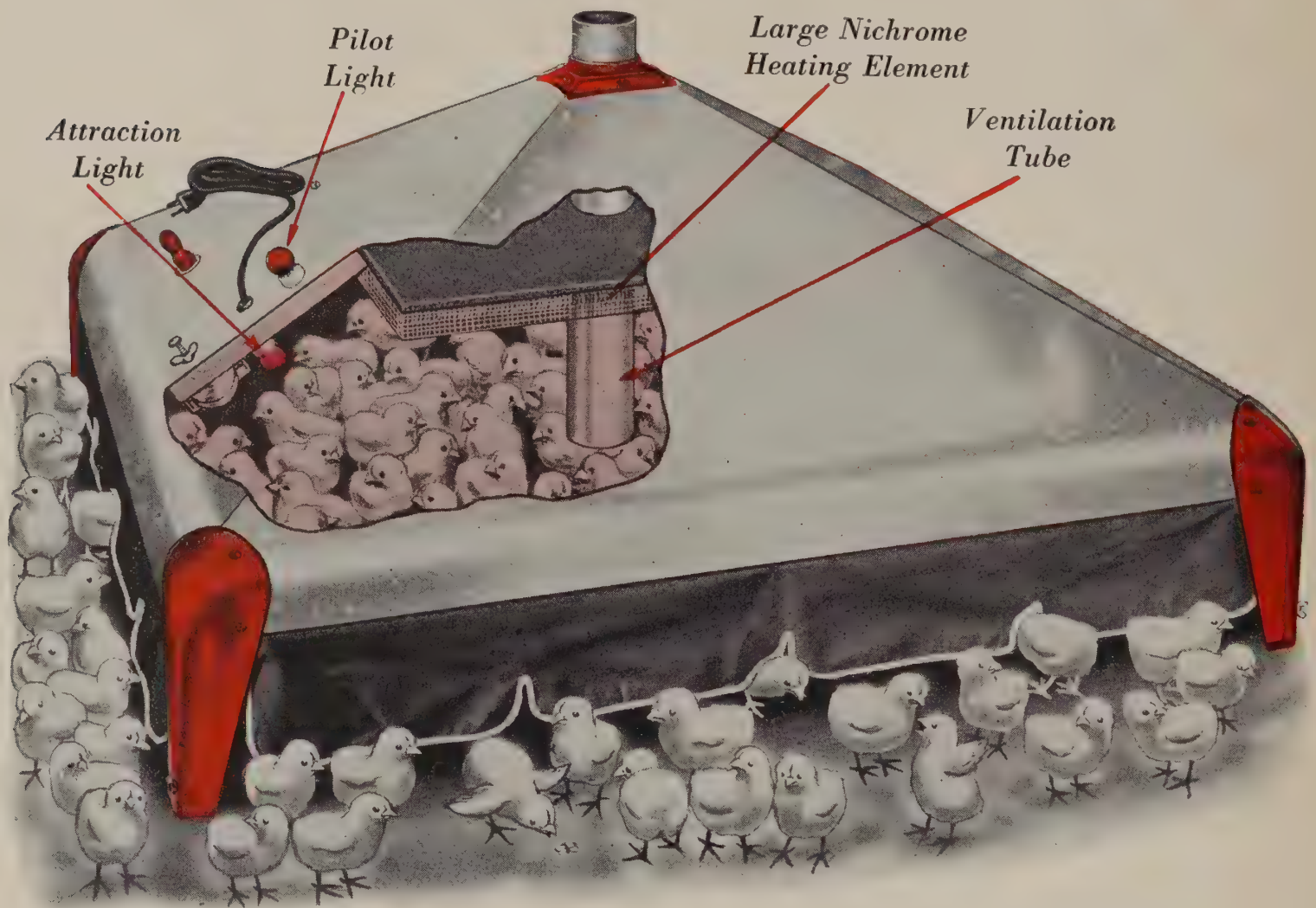
Catalog No.	
No. 48-246FA—Watt-Saver.	Chick capacity, 300; size canopy, 46"x46"; wattage 800 A.C. Complete as illustrated. Wt. 39½ lbs. Price. \$34.95
No. 48-260FA—Watt-Saver.	Chick capacity, 500; size canopy, 60"x60"; wattage, 1,000 A.C. Complete as illustrated. Wt. 58 lbs. Price. 44.50
No. 48-546FA—Watt-Saver with No. 793 STERILAMP Fixture described on page 27.	Wt. 43½ lbs. Price. 45.25
No. 48-560FA—Watt-Saver with No. 793 STERILAMP Fixture described on page 27.	Wt. 62 lbs. Price. 54.80

F.O.B. Quincy, Ill.

BROWER'S

Sun Ray ELECTRIC BROODER

Made of Lightweight, Long-Lasting Aluminum



Produces Low Cost Pullets and Broilers

Here's the new improved Sun-Ray—now made of rust-proof, durable aluminum. It's low in price—economical in operation, built strong and sturdy to give good dependable service.

When it comes to producing low cost pullets and broilers, it's hard to find a better brooder than the Sun-Ray. On 3¢ K.W.H. rate, it broods chicks for 1½ to 2¢ per chick depending on weather and construction of house—a saving of almost 50% as compared with the cost of brooding with oil which costs between 2½ to 3¢ per chick.

Brower's Sun-Ray Electric Brooder is a big time and work saver. It is entirely automatic—thoroughly dependable and safe. Brooding with electricity is less work, cleaner, easier and more convenient. Just plug in the Brower Sun-Ray and you are ready to go. No oil, coal or ashes to fool with. For healthier, faster growing chicks, brood with Brower's Sun-Ray Electric Brooder. Sold under Brower's Famous 30-Day Trial Guarantee.

SUN-RAY PRICES AND SPECIFICATIONS:

No.48-146A—Sun-Ray Brooder, 46x46 in., has 2,116 sq. in. of brooding area, capacity 300 day-old chicks. Fully equipped with 800-watt nichrome heating element, as illustrated. 110-120 volt, A.C. only. Shipped K.D., shipping weight 17 lbs. Price \$25.80

No.48-160A—Sun-Ray Brooder, 60x60 in., has 3,600 sq. in. of brooding area, capacity 500 day-old chicks. Fully equipped with 1,000-watt nichrome heating element, as illustrated. 110-120 volt, A.C. only. Shipped K.D., shipping weight 26 lbs. Price \$35.70

F.O.B. Quincy, Ill.

Special Construction Features

1. Canopy Made of Aluminum. Light, easy to handle. Rigid, non-rusting and durable. Legs made of heavy steel, adjustable from 5½" to 8½" for different ages of chicks. Streamlined design makes brooder roost-proof—attractive in appearance. **2. Over-size Nichrome Wire Heating Coil** fully protected by ¼" wire screen. Insures plenty of heat and sufficient circulation. **3. Brower's Magnetic Snap Action Fully Enclosed Switch** combined with Brower Wafer Thermostat assures accurate temperature control, even in zero weather. No radio interference. **4. Insulation**—½" thick Masonite insulating board over entire heating assembly. **5. Ventilation**—3½ inch diameter central tube assures proper circulation of fresh air, and draws foul air out of brooder. Tube is adjustable. **6. Equipped with heavy denim, tape-bound curtains.** Scalloped to make it easy for chicks to get under. **7. Complete with 7½ Watt Pilot Light, 7½ Watt Attraction Light, and heavy duty cord and plug.**

BROWER'S

COAL MASTER BROODER

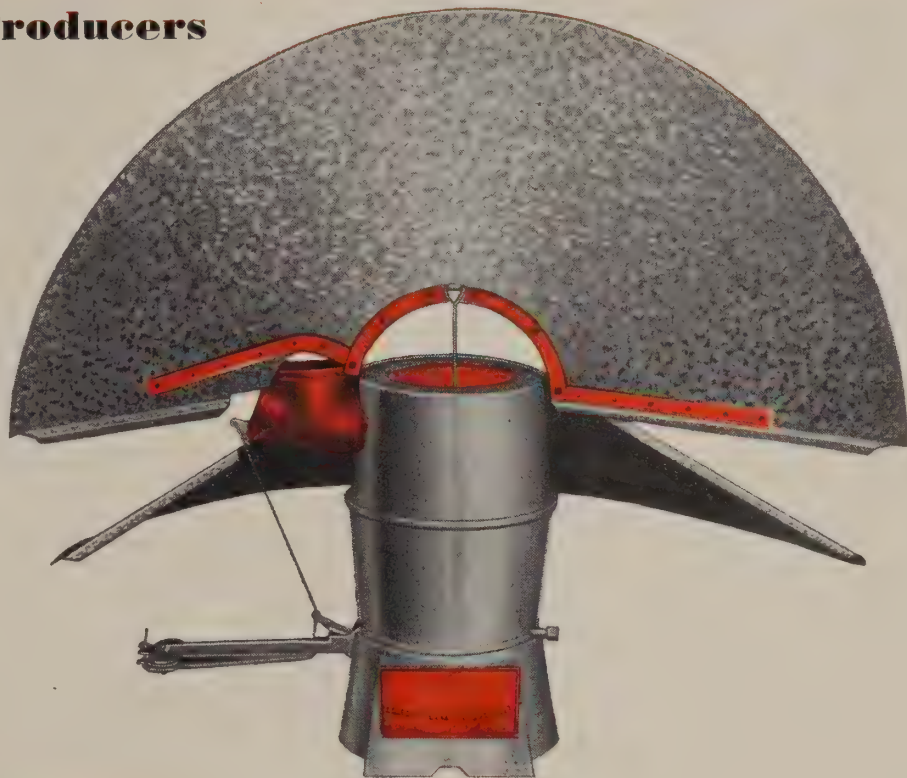
An Improved-Bigger-Better Constructed Brooder

Thousands Used by Broiler Producers

Thousands of these Brooders are in use in the Eastern States; also Arkansas and other States—by broiler producers. Its use guarantees the safety of supplying chicks with a correct brooding temperature in all kinds of weather, day or night. The Coal Master is economical and dependable—sold on Brower's 30-day Trial Guarantee.

Outstanding Features

Five-inch pipe collar with automatic check draft at top side of stove regulates draft and heat. **The big capacity non-clog fire bowl**, made extra deep of two heavy castings, holds heat evenly and insures longer life. Upper flue cylinder overlaps fire bowl making an air-tight joint. Upper and lower bowls are bolted together securely. **Non-clogging rocker grate** insures feeding of coal to fire and avoids clinkers and ashes interfering with operation of stove. **Extended base** prevents live coals dropping on floor when shaking grate. Large 9" opening for convenient fueling. **Special double thermostat** insures positive control over direct draft and check draft, controlling fire and brooding heat day or night. Sensitive all brass thermostat wafer on patented baffle arm expands and closes automatically operating draft controls, insuring proper brooding temperature at all times in coldest weather. Large 5" pipe collar. **Round double hinged canopy** made of heavy gauge steel has heavy cast iron ring. Roost-proof Canopy has wire bound edge for rigidity. Entire half of canopy easily lifted for quick access to stove or chicks and for removing ashes and refueling. Sold on Brower's Famous 30-day Trial Guarantee.



Coal Master Prices and Specifications

Cat. No.	Diameter of Canopy	Coal Capacity	Height	Size of Grate	Approximate Chick Capacity	Shipping Weight	F.O.B. Quincy Price
48-4B56	56"	60 lbs.	24½"	11"	500-750	127 lbs.	\$29.95

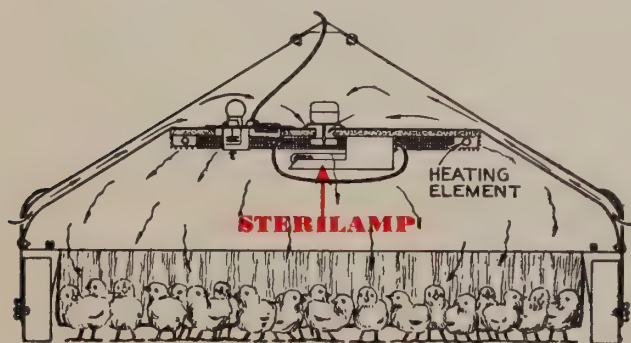
Fine for use in 10x12 or 12x16 ft. houses.

ULTRAVIOLET STERILAMP FIXTURE



No. 793 STERILAMP Fixture Complete

*STERILAMP Reg. U. S. Pat. Off.



Illustrated above is Brower's Watt-Saver Brooder showing how No. 793 STERILAMP is installed.

STOPS DEATH LOSSES—EASY TO INSTALL

Develops and radiates ultraviolet that kills almost all disease germs. Hatcherymen and poultry raisers who have used the Sterilamp report that it definitely lowers chick losses, usually checks respiratory diseases, and improves feathering. View at left shows how Brower's Sterilamp fixture is installed in the Brower Watt-Saver Brooder, shown on pages 24 and 25. Note fixture is plugged into attraction light socket, and also acts as an attraction light. Hence it can be operated at no extra cost in Brower's Watt-Saver or any other electric brooder using an attraction light of 6 watts or more. Easily installed in any electric, oil, wood or coal brooder. Simply attach Sterilamp to underside of brooder canopy and plug into convenient socket. Sterilamp also destroys dangerous litter mold, reduces unpleasant odors, and purifies the air. Will also protect small incubator, utensil cabinet, retail meat display case, reach-in coolers, etc. Guaranteed for 4,000 hours—(more than 4 brooding periods—longer than six months' continuous service.)

Prices

No. 48-793 STERILAMP Fixture Complete as illustrated with WL-793 STERILAMP, ready to attach under canopy of any make of floor type brooder. Wt., 4 lbs. \$10.30

No. 48-WL-793 STERILAMP only, to fit No. 793 Fixture. Wt., 1 lb. \$4.00

F. O. B. Quincy, Ill.

Imperial Automatic Twin Blast

OIL BROODER

For Chick and Poult Brooding

12 BIG FEATURES

1 ECONOMICAL IN OPERATION. It burns either kerosene (coal oil) or 38-40 distillate with almost perfect combustion and economy. Uses 1 to 4 gallons of oil a day, depending on weather.

2 FORCED DRAFT PRINCIPLE draws unhealthy foul air from beneath canopy and whisks it up the flue—bringing in a supply of fresh air from the outside. This insures efficient circulation of air under canopy at all times.

3 ENTIRELY AUTOMATIC. Positive heat control. Brower's time-tested Automatic Oil Valve and Wafer Thermostat regulates flow of oil to burner. Holds proper brooding temperature regardless of outside weather conditions.

4 THE SCREEN OIL FILTER in tank and the gravity filter which is part of Drip Feed Oil Valve form a double system of oil filtration, which prevents sediment and water from getting into Valve and Burner and insures steady, troublefree operation without interruptions.

5 SEVEN-GALLON OIL TANK with fine screen Oil Filter. Has shut-off valve just under tank. If desired, the fuel line may be connected to a barrel or fuel drum placed outside the brooder house. Oil tank stand furnished at no extra cost.

6 EASY-CLEAN BURNER FEATURE. Handle of cleaning rod projects outside the heater lid. A turn of the handle cleans burner of soot and carbon without removing lid.

7 EASILY AND QUICKLY ERECTED. Stove comes with drum assembled. Merely attach legs, oil pipe, control assembly, and brooder is ready to use.

8 SAFE TO OPERATE. The overflow outlet is $\frac{1}{4}$ -inch iron pipe. Any overflow from burner will not drip into litter or on floor under stove. Safety baffle plate under burner protects litter under stove. Also protects burner from drafts.

9 OPEN TOP HEATER. The heavy steel canopy ring leaves top of drum exposed for good heating efficiency and low fuel consumption.

10 DRAFT EQUALIZER. Precision made and carefully balanced. Checks and equalizes any down or up drafts. This assures even operation and prevents putting out flame.

11 HINGED CANOPY permits easy inspection of stove and chicks.

12 HAS 2-INCH SPACE BETWEEN INNER AND OUTER DRUMS, creating an air heating and circulating duct with Extra heat radiating drum surface—extracts heat from heart of flame. Circulation forces warmed fresh air out over chicks. Drum made of heavy gauge steel.

Satisfied Twin-Blast Users

"Twin Blast Best Out of 14"

From Alabama—"I have one of your Twin Blast Brooders (oil). I would not sell it back to you for \$100.00. Out of 14 it is the very best I have."—M. B. Watts Store, Talladega, Ala.

"Through Cold Weather and High Winds"

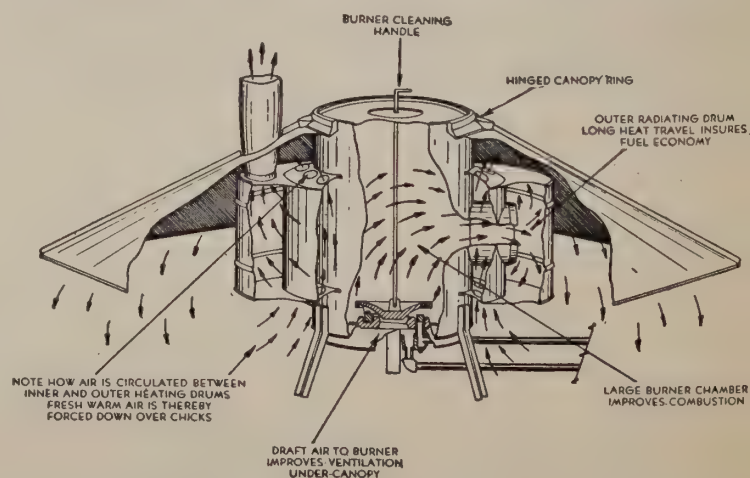
From Missouri—"I bought one of your drum type oil brooders from Fellow's Hatchery here in our town and certainly do like it in every way. I brooded 300 White Rock AAA chicks hatched the 15th of Feb. and as far as the brooder is concerned it is tops. So little care—and went through cold weather and high winds like a real champion."—Rev. Robert J. Miller, Sr., Salisbury, Missouri.

Twin Blast—One of the Safest

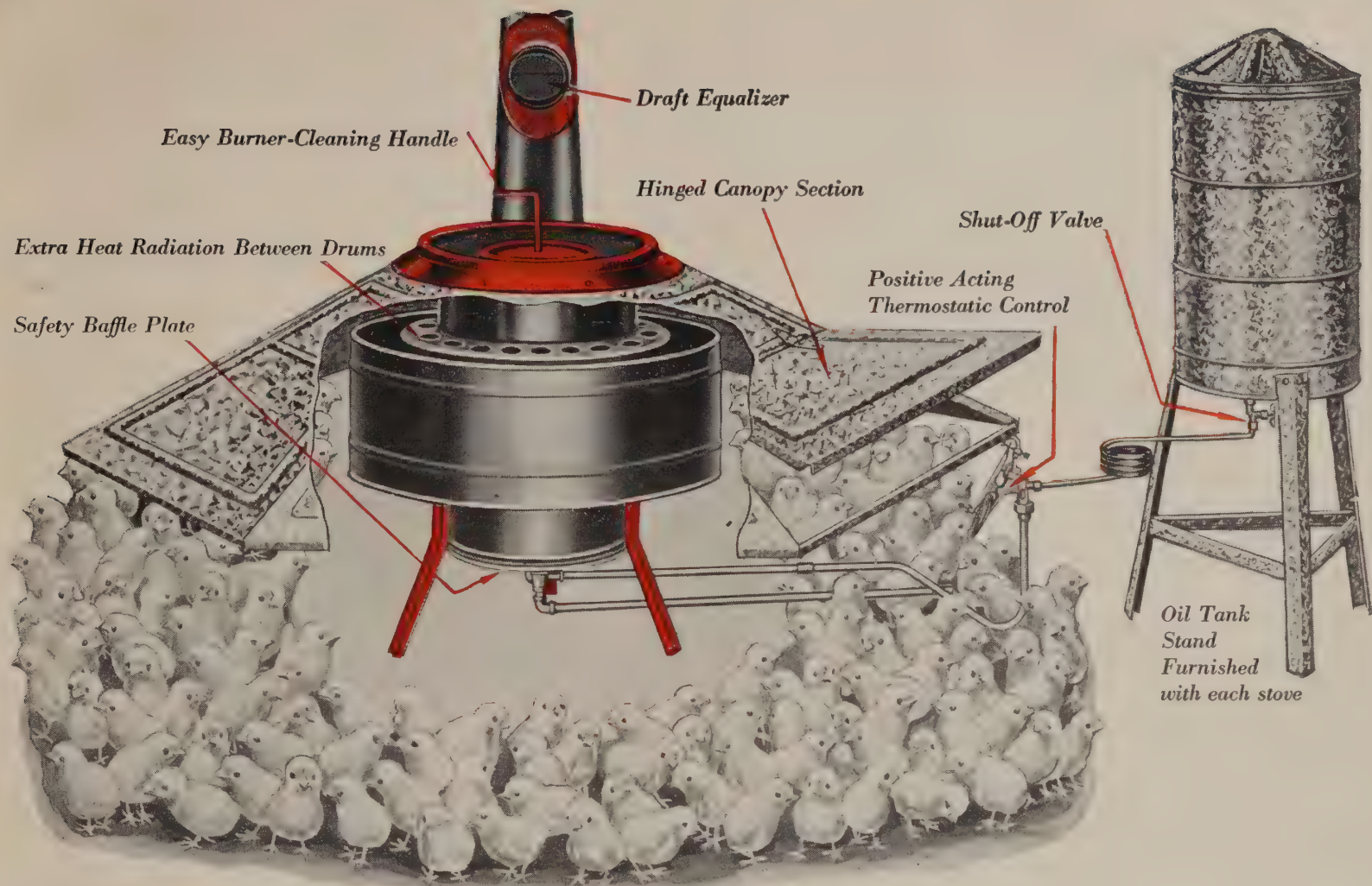
Brower's Improved Imperial Twin-Blast Brooder is one of the finest Drum Oil Brooders on the market. It is recommended for many brooding purposes and is especially ideal for cold weather brooding. When it comes to radiating heat, few Stoves compare with it. It warms the whole house—not just the area under hover. It leaves no cold corners. With the Twin-Blast, the chicks are not confined to a small brooding area. There is no huddling—no crowding. They run about at will, eat more and grow faster. Being economical in operation, the Twin-Blast is ideal for large flocks, yet operates cheaply enough for the small chick raiser. It is also suitable for turkey brooding. The Twin-Blast Burner is designed to get more heat out of the flame. It forces super-heated air over outside of flame ring. The center heating space between inner and outer drum gives increased radiation—position of canopy enables a natural movement of fresh, warm air downward onto chicks.



Illustrated above is a Brower Equipped Broiler Raising Project at Beverly, Ill. There are 20 units, each with a Twin-Blast Oil Brooder. 5,000 broilers are raised at a time.



The above cross section view of the Improved Twin-Blast shows burner construction—oil intake—oil overflow—drum construction—long heat travel through outer drum—air circulation and extra radiation between inner and outer drums and burner cleaning handle.



Twin-Blast Combustion

The heart of Broer's Twin Blast success is this patented burner. Oil enters into the circular or ring-like trough from which the vaporizing gases rise to mix with the twin columns of air entirely enveloping them. Operating exactly like the carburetor on your car, the burner thoroughly mixes gas with oxygen to secure perfect, clean combustion. Other burners pull the air over the oil, the Twin Blasts takes it both inside and outside of the oil ring. The better the mixture of air and gas, the better the combustion. This burner has a remarkably wide heating range. It will burn very low for warm weather, or, will really pour out heat when needed for cold or zero weather brooding. It needs no priming, has no wicks, can be relit with a match. A twist of the cleaner handle cleans burner. The Twin Blast will run over six months without any need of cleaning.

Capacity

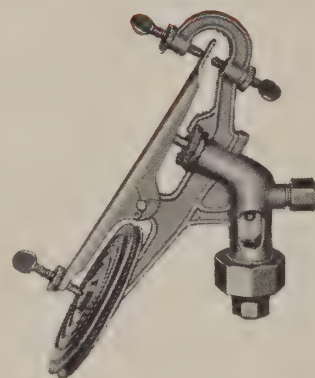
It is the general practice to rate the chick capacity of drum brooders according to the heating capacity of the drum, leaving the selection of canopy size up to the buyer. One should not have over four chicks to every square foot of floor space. A house 10'x10' will afford sufficient floor space for 400 chicks.

Accurate Oil Valve

*Furnished on all Twin-Blast Brooders
Has Visible Drip Feed*

Oil filter strains out every particle of sediment. Automatic Thermostat control is so efficient that brooding temperature varies hardly one degree. Minimum and maximum adjustments prevent flame going out or burning too great. Helps to insure safe, dependable, trouble-free operation of brooder at all times.

Oil Valve thermostat control. Complete with Wafer. Price \$3.50



Sold on Money-Back Guarantee . . . See Page 3

Thousands of Satisfied Customers

TWIN-BLAST PRICES AND SPECIFICATIONS

Catalog No.	Complete Brooder	Dia. of Canopy	Dia. of Drum	Recommended for Houses up to	Day-Old Chick Capacity	Shipping Weight	Price
48-2155—Twin Blast	With 6-Section Canopy	55"	21"	10'x12'	425	66 lbs.	\$25.20
48-2465—Twin Blast	With 6-Section Canopy	65"	24"	12'x16'	525	77 lbs.	29.80

For each Brooder, order 5 Joints of No. 67 Stove Pipe, one No. 155E Roof Saddle, one No. 12C Brooder Thermometer \$5.50

F. O. B. Quincy, Ill. Easily and Quickly Set Up and Installed.

BROWER'S

Chick, Broiler, and Pullet Feeders

REDUCE FEED WASTE

GRILL AND REEL TYPE BROILER FEEDERS



Made of High Quality, Durable Aluminum

Trough is made of strong, rigid, lightweight aluminum. Has round bottom which makes cleaning easier. Aluminum ends extend to top of reel or grill to prevent birds flipping feed out of trough. $\frac{5}{8}$ " wide lip on each side prevents billing out and wasting feed. Angle steel legs are bolted at sides of trough, and are adjustable to two positions. Height overall with legs adjusted to maximum height is 8".

Grill Type Feeder has heavy welded wire roost-proof grill with 56 feeding spaces— $1\frac{5}{8}$ " space between wires. Grill is securely hinged in three places—easily raised for filling and cleaning.

Reel Type Feeder equipped with heavy four blade reel. Reel is painted red and is adjustable to two positions for various age birds.

Here is a very rigid, quality made aluminum feeder, available with the roost-proof grill or roost-proof reel, and adjustable steel legs for various age Broilers. Light and easy to handle. Sturdy and durable. When chicks have outgrown the small starting feeders, this big capacity 4-ft. feeder gives the utmost service at low cost. It enables growing chicks and broilers to feed in comfort, eat more, and develop faster. Fine for $2\frac{1}{2}$ to 3-lb. fliers. A splendid feeder for ducklings and turkey poults. Sanitary and economical to use.

Dimensions and Prices

Trough is 4 ft. long, 6 inches wide and $3\frac{1}{4}$ " deep. It will hold 18 quarts of feed, and will easily handle 150 broilers.

No. 4AW—4 ft. Grill Type Feeder. Wt. 4 lbs. Price each.. \$2.50

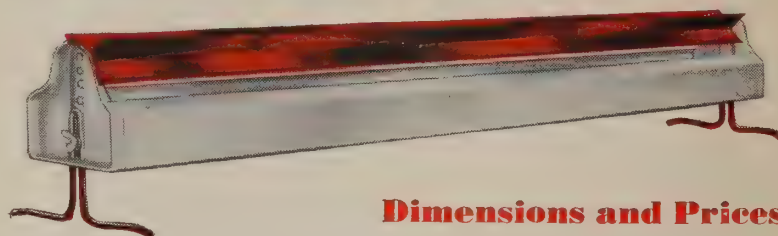
No. 4AR—4 ft. Reel Type Feeder. Wt. 4 lbs. Price each.. 2.50

DELUXE REEL TYPE CHICK FEEDERS

This new roost-proof aluminum chick and broiler feeder combines all the essentials of efficient feeder design in one unit. Feeder can be set on floor or litter without legs for small chicks. Height can be quickly and easily adjusted. Maximum height is $7\frac{5}{8}$ ". $\frac{1}{2}$ " flange turned along edge of trough helps prevent chicks billing out feed. Sold on Brower's 30-day Trial Guarantee.

Sturdily Constructed

Trough made of lightweight, long lasting, 98.7% pure aluminum (.025 gauge), with electric welded ends. Feeder is built rigid and strong to give years of service. Adjustable four blade reel makes feeder roost-proof and keeps chicks out of trough. Adjustment provides right size opening along the trough edge to accommodate different age chicks. Easy to clean.



Dimensions and Prices

Available in three sizes—24", 36" and 48". Trough is $4\frac{1}{2}$ " wide, $2\frac{1}{2}$ " deep, stands $7\frac{5}{8}$ " high overall when legs are at maximum adjustment. Has four blade adjustable roost-proof reel. Reel and legs are painted red. Legs are made extra wide (7") to prevent tipping.

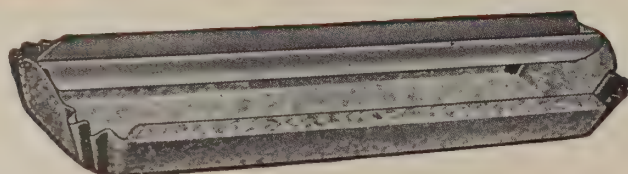
No. 48-248A—48" Feeder. Capacity 100 chicks. Wt. $3\frac{1}{4}$ lbs. Each..... \$1.60

No. 48-236A—36" Feeder. Capacity 75 chicks. Wt. $2\frac{1}{4}$ lbs. Each..... \$1.35

No. 48-224A—24" Feeder. Capacity 50 chicks. Wt. $2\frac{1}{2}$ lbs. Each..... \$1.10

F.O.B. Quincy, Ill.

ECONOMY ROOST-PROOF CHICK TROUGH



Substantially made of heavy sheet iron, stamped from one piece. May be used as a feeder or waterer. The turned-in lip on each side of trough prevents waste of feed. The Metal Reel makes it roost-proof and keeps chicks out of trough. Painted green enamel.

No. 48-626F—Length 26", $2\frac{1}{2}$ " deep, $4\frac{3}{4}$ " wide. Capacity, 25 chicks. Weight 3 lbs. Price each..... \$.65

No. 48-522—Length 22", $1\frac{1}{2}$ " deep, $3\frac{1}{2}$ " wide. Capacity 20 chicks. Weight 2 lbs. Price each..... \$.35

SLIDE TOP CHICK FEEDER OR WATERER



Substantially made of heavy steel painted green enamel stamped in two pieces, no soldered seams. Can be used for feed or water. Edges of cover crimped to form a catch that easily springs over edges of trough and holds the cover securely in place. Cover is removed by sliding endwise. Smooth turned feed holes. Ribbed bottom adds to rigidity. Provides feed or water for 20 chicks.

No. 48-422—Length 18". Wt. Doz., 14 lbs. Price each..... \$.40

BROWER'S

3 and 5 Gallon Double Wall Fountains

Self Closing Spring Valve—For Chicks, Pullets or Hens

Built Strong to Give Years of Service

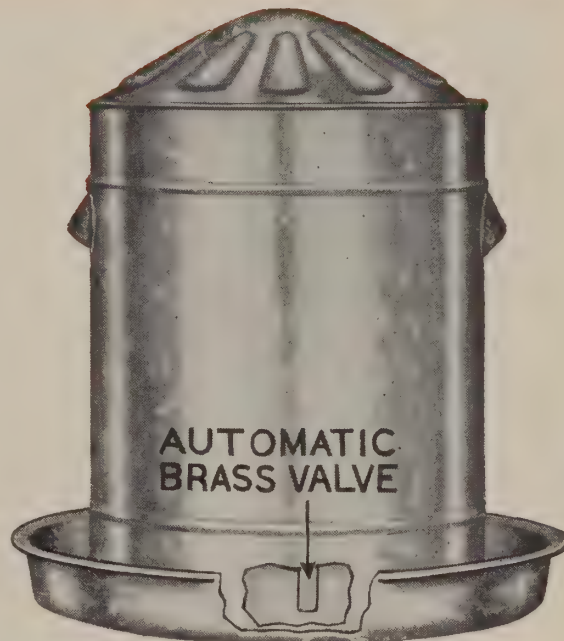
Substantial construction, advanced design and low price make this Fountain a superb value. Entire Fountain is constructed of heavy galvanized steel, double seamed and soldered. Sturdily built for years of service. It will stand up under the hardest usage. Easy to clean and fill. Made with two airlock cans.

The outer can slips off easily which permits filling inner can from the top. The inner can is provided with a convenient handle for carrying. The All-Brass Automatic Spring Valve closes water outlet when the outer can is removed and holds water in fountain until the outer can is replaced.

This releases the Valve and reopens water outlet to drinking pan. Water will not overflow or splash. Water level in drinking pan is vacuum controlled. The drinking pan is a one-piece die stamping, with smooth, turned edge. The inner can is securely soldered to the drinking pan. Roost-proof top on outer can prevents fowls perching on top and contaminating drinking water with droppings. Provide one 5-gallon fount for every 100 growing birds or 75 hens; one 3-gallon fount for 150 chicks.

Cat. No.	Drinking Pan Diam.	Depth	Wt.	Price
No. 48-059—5-Gallon Fountain ..	16 $\frac{7}{8}$ "	1 $\frac{3}{4}$ "	11 lbs.	\$3.50
No. 48-2D3—3-Gallon Fountain ...	12 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	7 lbs.	2.50

F. O. B. Quincy, Illinois



NEW SYPHON TYPE FOUNTAIN

PRACTICAL—HANDY—SANITARY

Here is something really new in a chick fountain. Completely eliminates the mess of old fashioned gravity feed fountains; insures healthier chicks with pure, uncontaminated water. It's handy, practical, and sanitary. Syphon action starts automatically. Water is always clear and clean. Dirty water cannot get back into supply vessel.



EASY TO FILL—No Spilling

It's easy to fill—no turning over or spilling—handy to carry, no muss. Seamless drinking pan has rounded bottom for easy cleaning. Water level in drinking pan is adjustable. Can be used with any standard one-gallon glass jug. Easy to use. Just press a standard 1 gallon jug into center ring of the drinking pan, and fill jug up to the neck with clear, fresh water. Press rubber stopper firmly into the jug.

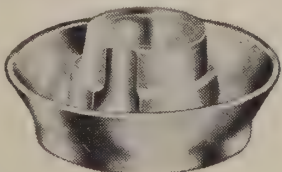
Place flanged end of bent tube inside large tube and let it drop. Syphon action starts automatically. As water is used an additional supply will be fed automatically by the syphon. Cannot overflow.

No. 48-402—Syphon Fount, less jug, wt. ea. $\frac{3}{4}$ lb. Price.....\$1.25 ea.
F. O. B. Quincy, Ill.

GLASS PAN FOUNTS

For One and Two Quart and One Gallon Mason Jar Founts

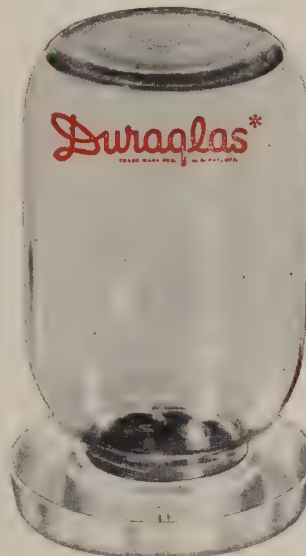
An all glass drinking pan made of one piece of heavy flame polished glass. Forms a sturdy base for any Mason jar. When jar or jug is inverted there is no splashing or water loss. Jar rests on shoulder of glass pan. Plenty of drinking space. No metal clips or parts to rust. Ideal for water, milk and medicated water. Easy to keep clean and sanitary. Use four for each 100 chicks.



No. 48-6P—All Glass Pan Fount (jars not included.)
6 founts. Wt. 8 lbs. Price.....\$.80
12 founts. Wt. 15 lbs. Price..... 1.40
F. O. B. Quincy, Ill.

1 and 2 $\frac{1}{2}$ gal. DURAGLAS FOUNTS

FINE FOR MEDICATED WATER



Has a screw-on durable plastic drinking pan. Ideal for starting chicks, broilers or poults. Large opening. Easily and quickly cleaned. Fount can be inverted without spilling a drop. Chicks will drink more out of a glass fount because the sparkle and bubbles attract them to the water. More water helps to promote faster growth. Glass being smooth is easier to keep clean and sanitary. These Founts are especially recommended for use with medicated water. It's easy to see when Founts need refilling. Drinking pan is exclusive design. Made of Plastic — practically unbreakable. Pan of 1-gal. fount is 6 $\frac{1}{2}$ inches in diameter, 1 $\frac{1}{2}$ inches deep with 1-inch drinking space. Pan of 2 $\frac{1}{2}$ gal. fount is 9 inches in diameter, 1 $\frac{1}{4}$ inches deep, and has 1 $\frac{3}{4}$ inch drinking space.

No. 48-401—1 Gallon Duraglas Fount and Plastic Base Complete. Shipping Wt. 4 lbs. Price, each.....\$.70
No. 48-405—2 $\frac{1}{2}$ Gallon Fount with Plastic Base. Wt. 12 lbs. Price, each..... 2.25
No. 48-55—2 $\frac{1}{2}$ Gallon Duraglas Fount with Steel Base. Wt. 12 lbs. Price, each..... 1.95
F.O.B. Quincy, Ill.

MASON JAR FOUNTS

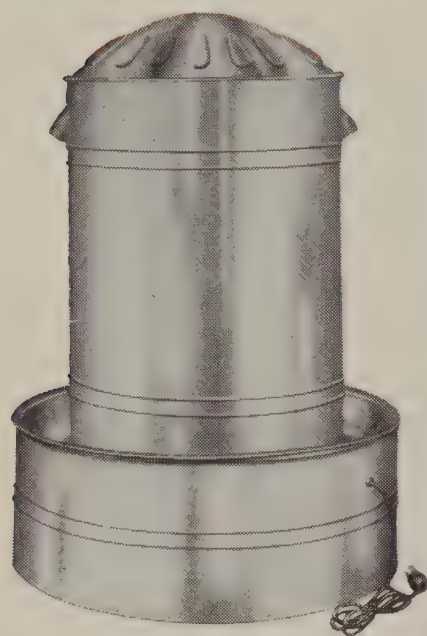
Made to fit any standard Mason jar, one quart, two quart or one gallon. Die-stamped pan with smooth rolled edge to protect hands and chicks. Has screw cap which is securely welded to pan. Will not break loose or rust out. Chicks do not get into pan. Made of heavy galvanized steel. Price does not include jars. Use 3 for every 100 chicks.



No.	Wt.	in	Ctn.	Price	Doz.	Gross
	Doz.	Ctn.	Wt.	6 for	for	Price
No. 48-0	4 lbs.	72	17 lbs.	\$0.65	\$1.20	\$13.20

F.O.B. Quincy, Illinois

DELUXE ELECTRIC HEATED FOUNTAINS



No. 48-087E Electric Heated Fount

Save Time and Labor

Brower's DeLuxe Founts are designed to save time and labor. They're easy to carry, easy to clean and easy to fill. Two-air-lock cans work on vacuum principle. Inner Tank has convenient carrying handle. All Brass Automatic Spring Valve closes water outlet when outer tank is removed—1" level of water is maintained by vacuum control. Handles on side for easy removal of outer tank for refilling or cleaning inner tank. Like all other Brower merchandise, Brower's fountains are sold under a 30-day Trial Guarantee. Used by thousands of poultrymen who have found they soon pay for themselves.

Made of Heavy Galvanized Steel

Sturdily constructed of heavy gauge galvanized steel. Will give many years of service under the hardest usage. Drinking pan is a one piece die stamping, 16½" in diameter, 2" deep. Has smooth turned edge. Inner tank is securely soldered to the drinking pan. Diameter of tank is 12 inches, watering space 2" wide.

Electric Heater Base—Base for Nos. 48-057E and 48-087E is 16" in diameter, 6" high. Has 100 Watt Chromalox Heater, not thermostatically controlled. For 110-120 volt A.C. only. Has heavy 6' cord. Nos. 48-5E and 48-8E Founts equipped with No. AEB Automatic Base listed at bottom of page. Thermostat Switch keeps water temperature at 50 to 55°.

Hen Capacity—5-gallon fount will take care of up to 75 hens, 8-gallon up to 100 hens.

No. 48-057E—5-gal. Fount with electric heater base, less automatic heat control switch. Wt. 15 lbs. \$7.90

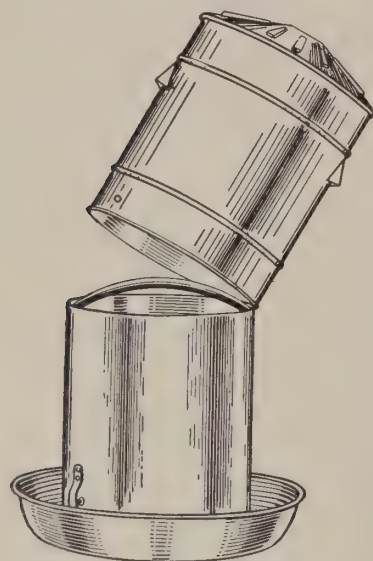
No. 48-087E—8-gal. Fount with electric heater base, less automatic heat control switch. Wt. 19 lbs. \$9.20

No. 48-5E—5-gal. Fount with AEB electric heater base, with heat control switch. Wt. 15 lbs. \$9.20

No. 48-8E—8-gal. Fount with AEB electric heater base, with heat control switch. Wt. 19 lbs. \$10.50

F.O.B. Quincy, Ill.

DELUXE OIL HEATED FOUNTAINS

EASY TO CLEAN, CARRY AND FILL

Made with two air-lock cans. Outer can slips off easily for fitting of inner can. Inner can has convenient handle. See view at left. Brass Spring Valve closes water outlet when outer can is removed. 1" level of water maintained by vacuum control. Drinking pan is one piece, die stamped, diameter 16½", 2" deep. Roost-proof. Heater base 16" diameter, 9" high has hinged door. Equipped with No. 2 Badger Burner. Oil Bowl holds 1½ qts.—will burn for several days.

Capacity — 5-gallon up to 75 hens, 8-gallon up to 100 hens.

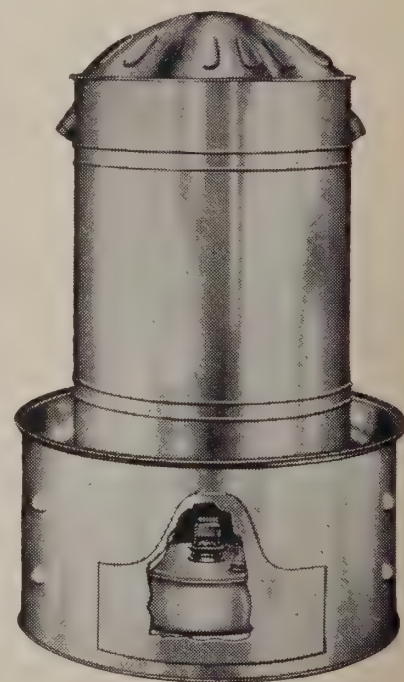
	Wt. Ea.	Price Ea.
No. 48-059L—5-Gal. Oil Heated Fount	15 lbs.	\$6.45
No. 48-089L—8-Gal. Oil Heated Fount	19 lbs.	7.75

F.O.B. Quincy, Ill.

Increase Egg Production

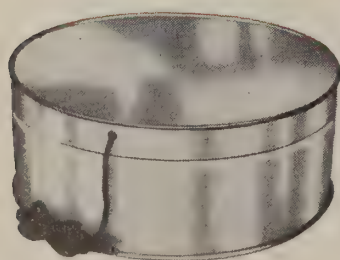
Water at the correct temperature is a vitally important factor in obtaining maximum egg production from pullets or hens.

Each hundred hens during heavy egg production will consume six to eight gallons of water daily. 67% of an egg is water. Give the hens a chance to produce all the eggs they are capable of—give them tempered water in a DeLuxe Heated Flock Fount—see how they will lay many more eggs for you. Increase egg production. Brower fountains are reasonably priced—built strong and sturdy to give many years of service. Pay for themselves many times over in increased egg production.



No. 48-089L Oil Heated Fount

AUTOMATIC ELECTRIC HEATER BASE



No. 48-AEB—Automatic Electric Base. Weight 5 lbs. Price.....\$5.70

F.O.B. Quincy, Ill.

Keeps water at just the right drinking temperature—50 to 55°. Operates only when temperature of water goes below 50°. Works in coldest zero weather. 100-Watt Chromalox heating element completely shielded from outside moisture. Shock proof. Heating element guaranteed for one year. Micro Switch is set at the factory. No radio interference or fire hazard. Fits any size fountain. Just plug in and set fount on it. Base is 16" in diameter, 6" high. 6-ft. extension cord. 110-120 volt.

FLOCK FOUNT STAND



Designed for use with non-heated founts or founts equipped with oil or electric heaters. Extra heavy steel legs and cross braces. Perch is made of No. 1 lumber. Distance from top of perch to floor is 16". Allows full freedom of birds beneath feeder. Keeps water clean and helps prevent spread of diseases through contaminated water. Made strong and sturdy.

No. 48-184—Fount Stand. Wt. 7 lbs. Price.....\$3.00

F.O.B. Quincy, Ill.

BROWER'S

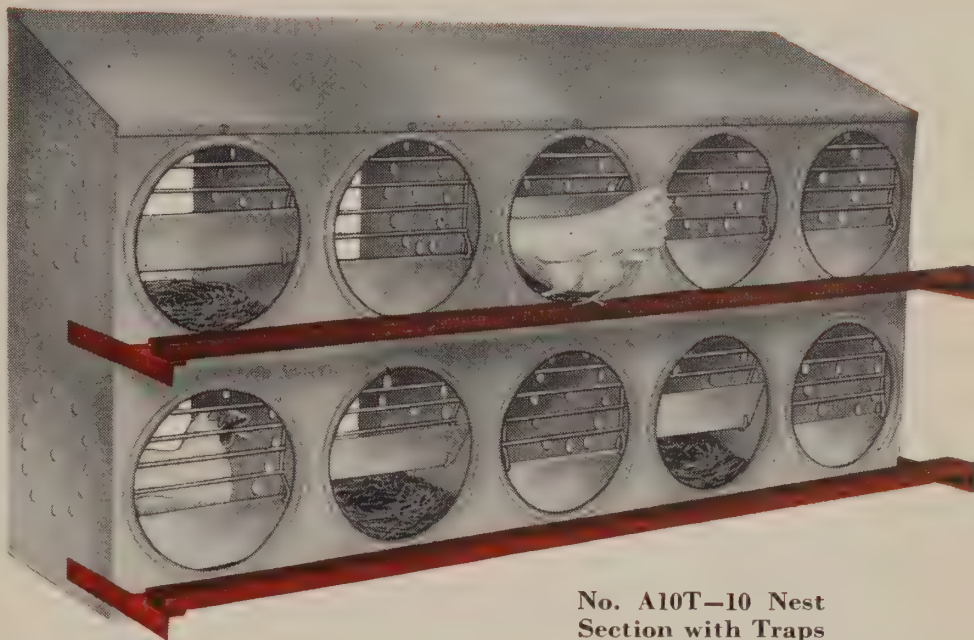
"Tattle Tale" LAYING NEST

Made of Lightweight Aluminum — Strong and Rigid

Outstanding Features

- 1.** Sturdily constructed of choice sheet aluminum. Steel rods support bottom to make nest extra rigid. Will give years of service under the hardest usage.
- 2.** Large, roomy nesting compartments are 12" high, 13" deep and 11" wide. Round opening is 8" in diameter, and has smooth, turned edges to prevent injury to hands, hens or eggs.
- 3.** Ventilating holes in ends and partitions, and wire grid type ventilation in door allows two-way ventilation. Especially recommended for southern states.
- 4.** Has slanting roost-proof top.
- 5.** *Hinged perches may be raised at night to prevent hens roosting in nests.
- 6.** Easy to clean. Simply swing nest away from wall and litter quickly slides off smooth aluminum surface.
- 7.** Very sanitary. No cracks or crevices to harbor lice or mites. May be sprayed freely for thorough disinfection as aluminum is rustproof.
- 8.** Trap doors made of steel with wire grid panel above and solid metal panel hinged below.
- 9.** Trap door slides closed easily and quickly as hen enters nest. Solid metal panel prevents interference with hen on nest. No other hen can enter nest.
- 10.** Traps easily removed by simply removing rods. Reversal of process puts traps back in place.
- 11.** Made in two tiers of five holes each. Overall length 55". Allow one hole to each three hens when trapping and one hole to each five hens when not trapping.

*Normally furnished with wood perches, steel perches will be furnished if necessary.



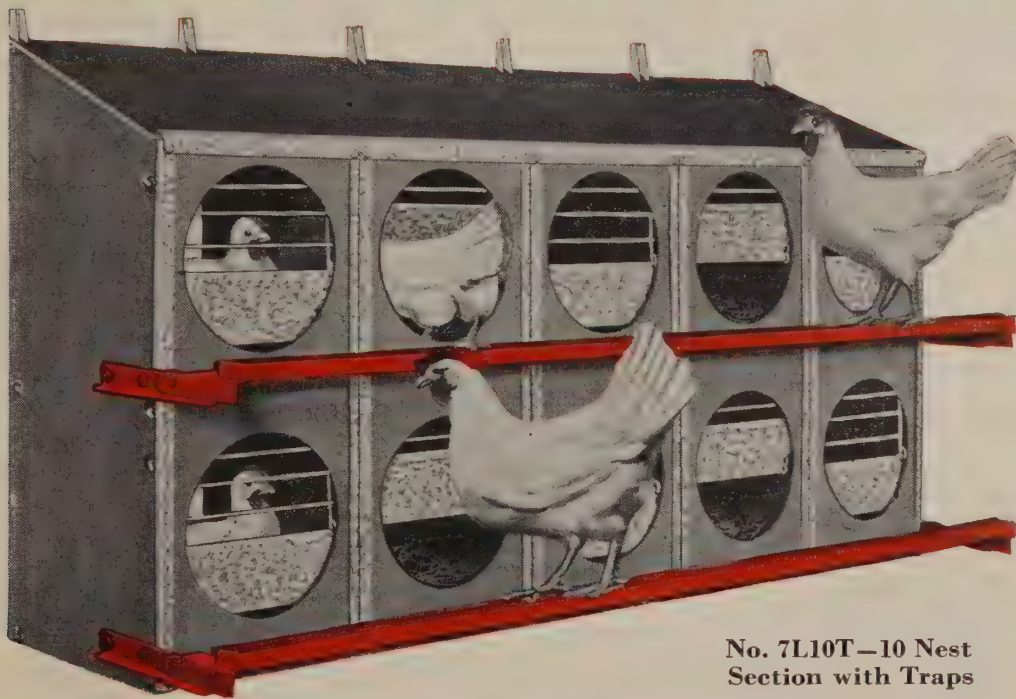
No. A10T—10 Nest Section with Traps

Prices and Specifications

	Wt. Ea.	Price Ea.
No. 48-A10—10 Hole Nest less traps.....	26 lbs.	\$13.95
No. 48-A10T—10 Hole Nest with traps.....	35 lbs.	17.55
No. 48-AT0—Traps only for above set of 10...	10 lbs.	3.60

F.O.B. Quincy, Ill.

BROWER'S MASONITE LAYING NEST



No. 7L10T—10 Nest Section with Traps

Warmer in Winter—Cooler in Summer

Brower's Masonite Nests are preferred by many poultrymen because they are warmer in winter and cooler in summer. Sturdily constructed. Edges supported by steel binders. Steel rods support bottom making nest extra rigid. Sanitary—may be sprayed freely. Easy to clean. Just swing nest out from wall to shake out old nesting material. Hinged perches may be raised to prevent hens roosting in nest. Normally furnished with wood perches, metal perches will be furnished if necessary. Roost-proof top. Individual laying compartments are 12" high, 13" deep and 11" wide. Round opening 8 1/4" in diameter with smooth edges. Nest 55" long.

Positive trapping of hens insured with Brower's Tattle Tale Traps. Traps made of steel. Easily removable.

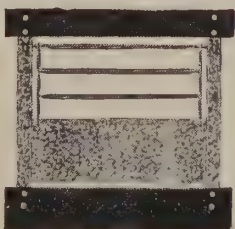
Capacity—Allow one hole to each three hens when trapping—one hole to each five hens when not trapping.

TRAP NEST FRONTS

For fastening on to orange or lemon box or to strong paper carton box. Same as used in our trap nests except with steel and Masonite frame added. Doors can be unhooked and laid aside for next trapping season. 14 1/2" high, 11 1/2" wide, door opening 10" high and 9" wide. Wt. 1 1/4 lbs.

No. 48-7T1—Nest Front Complete. Price ea. \$0.65

F.O.B. Quincy, Ill.



Masonite Nest Prices

	Wt. Ea.	Price Ea.
No. 48-7L10—10 Hole Nest less traps.....	42 lbs.	\$ 8.80
No. 48-7L10T—10 Hole Nest with traps.....	51 lbs.	12.40
No. 48-7T0—Traps only for above, set of 10..	10 lbs.	3.60

F.O.B. Quincy, Ill.

Trough Made of Aluminum—Durable, Sturdy, Light in Weight



*Big Capacity, Heavy Duty Trough,
for Feeding Mash, Grain or Pellets*

Made Strong for Years of Service

One of the most practical Flock Feeders ever made. Tops when it comes to design, sturdy construction and durability. Mammoth in size. Built to last many years. It is the most economical to buy regardless of first cost. Trough is rigidly constructed of high grade—98.7% pure aluminum. Though light and easy to handle, these feeders are rigid and can take a lot of abuse. All edges are turned smooth adding to rigidity of trough—prevents injury to hens or to hand. Rigid die stamped ends extend to top of grill to prevent birds' flipping feed over end of trough. Roost-proof grill made of extra-heavy wire—hinged for easy cleaning and filling. Vertical wire spacers keep hens from roosting on trough edge and contaminating feed. Feed space between wires is $2\frac{5}{8}$ ". There are 70 feed spaces in 8 ft. feeder and 42 in 5 ft. Stand is made extra sturdy of 1"x1"x $\frac{1}{8}$ " angle iron, braced by cross supports of 16 gauge angle steel, securely bolted together and to trough. Legs painted red. Steel perches are mite and water proof. Distance from floor to perch is 19"—high enough to prevent vent picking and give full advantage of floor space. Capacity: 8 ft. feeder is recommended for 100 hens—32 can feed at one time; 5 ft. feeder recommended for 65 hens—20 can feed at one time. Sold on Brower's Famous 30-Day Trial Guarantee. Preferred by many poultrymen because of their sturdy construction, practical design, and big capacity.

No.	Length
48-85A—5 ft. DeLuxe Feeder	
48-95A—8 ft. DeLuxe Feeder	

Capacity
5 $\frac{1}{2}$ Pecks
8 $\frac{1}{2}$ Pecks

Shipping Wt.
22 lbs.
33 lbs.

Price Each
\$6.90
10.90

Shipped K. D. Easily Assembled, F.O.B. Quincy, Ill.

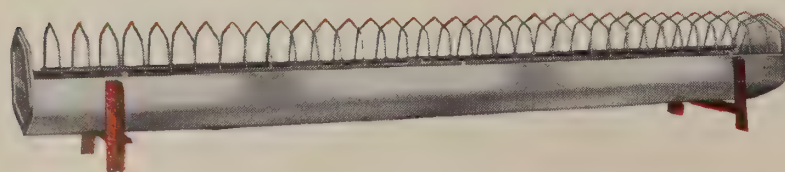
Designed to Save Feed

Every possible feature has been built into Brower's DeLuxe Flock Feeder. Brower's DeLuxe Flock Feeder was especially designed to save feed. Its many feed saving features should save enough feed alone over improperly constructed feeders to pay for itself in a short time. Has special V-shaped trough which causes feed to slide to center where it is easy for the birds to pick up, even when trough is nearly empty. No chance for feed to accumulate or become stale. 1" flange on both sides of trough prevents feed waste. Ends extend to top of grill ($10\frac{3}{4}$ " high). Birds cannot flip feed over end. A good feeding program pays big dividends to the flock owner. Only one extra egg per hen per month from 42 hens during fall and winter months, with eggs at 30c a dozen, will buy a No. 85A 5 ft. feeder—or the extra eggs laid by 73 hens as figured above will buy a No. 95A 8 ft. feeder. An investment in Brower's DeLuxe Flock Feeders pays big dividends in increased egg production, as well as in lower feed and labor costs.



Easy to Clean Up Feed

DeLUXE SHORT LEG FEEDERS—5 AND 8 FT. SIZES



Many poultrymen use a DeLuxe Short Leg Feeder in addition to perch type feeders for birds temporarily "off their feed." Also, recommended for turkey feeding.

No.	Length
48-65A—5 ft. Short Leg Feeder	
48-75A—8 ft. Short Leg Feeder	

Capacity
5 $\frac{1}{2}$ Pecks
8 $\frac{1}{2}$ Pecks

Shipping Wt.
15 lbs.
21 lbs.

Price Each
\$6.15
9.00

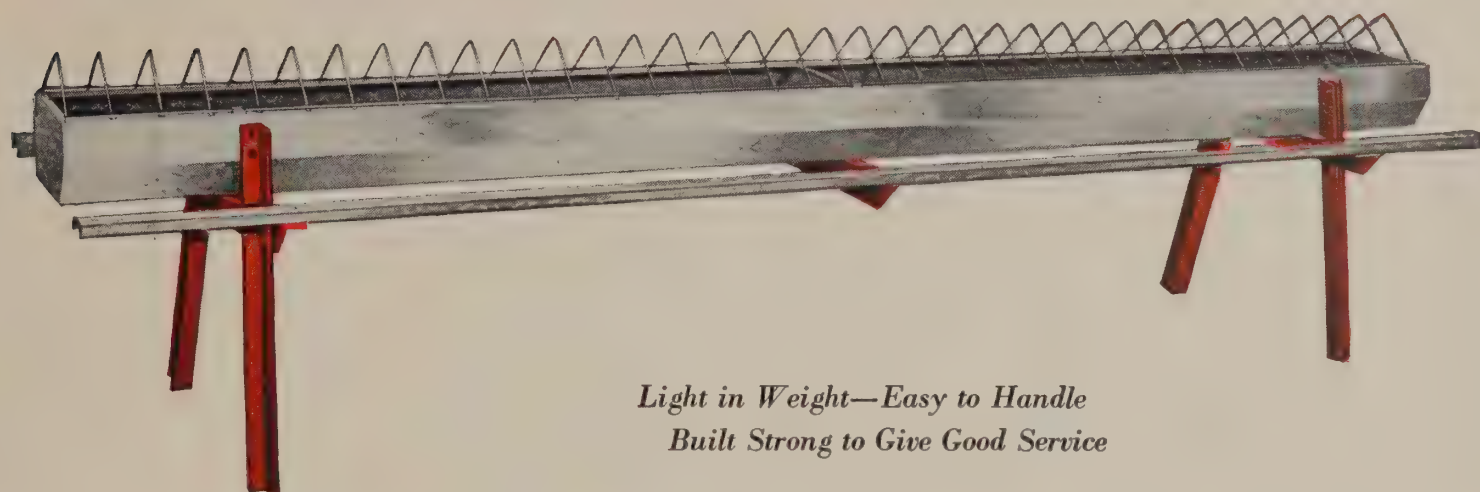
Shipped K. D. Easily Assembled, F.O.B. Quincy, Ill.

Design, material and construction of trough is same in every detail as No. 85A and No. 95A Feeders listed above. Legs are 9". Two steel cross braces bolted to legs and to trough make it extra rigid. Trough made of lightweight, heavy duty, 98.7% pure aluminum. Has 1" feed saver lip. "V" shape of trough enables feed to slide to center where it is easy for birds to pick up. Heavy grill hinged for easy cleaning and filling. Vertical wire spacers keep hens from roosting on trough edge. These feeders are especially recommended for outdoor feeding of turkeys. Shipped K. D. Easily assembled. The 5 ft. feeder has a capacity of 50 to 70 hens and the 8 ft. feeder will handle 80 to 100 hens.

BROWER'S

5 and 8 Foot Master Flock Feeders

For Hens, Pullets and Turkeys — Aluminum Trough



*Light in Weight—Easy to Handle
Built Strong to Give Good Service*

Roost Proof—Sanitary

Another new Brower Aluminum Feeder—the popular Master Flock Feeder designed for use with hens, pullets and turkeys. This sturdily built, low priced Feeder will give many years of service and will greatly lower your feeder replacement cost. Trough is constructed of heavy duty, high quality 98.7% pure sheet aluminum. Although light in weight, it is very rigid . . . able to take the abuse it is sure to receive in the hen house. Ends are die stamped. Top edge has 1" flange to prevent fowls' billing out and wasting feed. Wire grill is made of heavy wire, electrically welded for rigidity. Prevents contamination of feed. It is hinged, making feeder easy to clean and easy to fill. Grill has 2½" feed spacings. Eight foot trough has 36 feed spaces, five foot trough has 22 spaces. Rigid channel steel legs securely braced and bolted to cross supports for added rigidity. Legs are painted red. Steel perches are mite and water proof. Perches are 14½" above floor. Hens may move about freely under feeder. No vent picking. Width between perches is 19½ inches. The Master Feeder is one of the most widely used feeders made today. Trough is 9" wide at center, 7" wide at bottom and 5" deep. The 8 ft. feeder has center support. 5 ft. feeder does not as it is not necessary. 5 ft. feeder will hold 35 lbs. and the 8 ft. will hold 57 lbs. of laying mash. 5 ft. feeder will take care of 35 to 50 hens; 8 ft. feeder will take care of 80 to 100 hens. Sold on Brower's Famous 30-Day Trial Guarantee to be as represented.

No.	Length
48-45A—5 ft. Master Feeder	
48-48A—8 ft. Master Feeder	

Capacity
1¼ bu.
2 bu.

Weight Each
15½ lbs.
21 lbs.

Price Each
\$5.50
8.10

Shipped K. D. Easily Assembled, F.O.B. Quincy, Ill.

Helps Increase Egg Production and Profits

Designed so that feed is always in full view of hens, it induces them to eat more, and makes them lay more eggs. Keep a Brower Master Flock Feeder before your hens at all times filled with a first-class egg producing mash and look for an increase of 10 to 20% in egg production as compared with hens improperly fed. At the rate of only two extra eggs per month, the extra eggs you should get from only seventeen hens in a year, figured at 30c per dozen, would pay the entire cost of two 5 ft. Feeders! This 5 ft. Feeder is plenty large enough for a flock of 35 to 50 hens! With a flock of 100 hens, you should get at least 100 dozen or more extra eggs per year. At 30c a dozen this would mean \$30.00 extra for you in egg money . . . enough for several feeders and fountains. Consider, too, the big savings in feed when using Brower's Master Flock Feeders which are specially designed to eliminate feed waste. Master Flock Feeders also reduce labor costs as they are light and easy to handle—easy to fill and to keep clean and sanitary.

For maximum production, many poultrymen feed mash and cracked grain from separate feeders. Brower's low prices on Master Feeders make it possible to do this with economy. We recommend two of the 5 ft. Feeders for 100 hens. For all mash feeding, use one 8 ft. Feeder for 80 hens. Don't be satisfied with anything less than peak production from your flock. A properly fed flock is a better laying flock. Use Brower's Master Feeders for best results.

MASTER SHORT LEG FEEDERS—5 AND 8 FT. SIZES

A practical low-priced feeder. Trough sturdily constructed—made same as Nos. 48A and 45A feeders listed above. Trough is 9" wide at center, 7" wide at top, 5" deep. Has 9" channel steel legs . . . high enough to keep the trough above litter. Two steel cross braces bolted to trough and legs make feeder extra rigid. 1" feed saver lips. Guard made of heavy galvanized wire, electrically welded. Hinged for convenience in cleaning and filling trough. 5' holds 35 lbs. of mash, 8' feeder holds 47 lbs. Shipped K.D. Easy to set up.

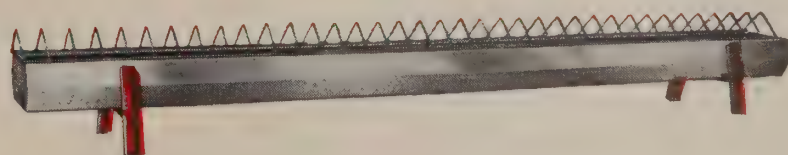
No.	Length
48-35A—5 ft. Short Leg Feeder	
48-38A—8 ft. Short Leg Feeder	

Capacity
1¼ bu.
2 bu.

Weight Each
7 lbs.
11 lbs.

Price Each
\$4.45
6.50

Shipped K. D. Easily Assembled, F.O.B. Quincy, Ill.



Ideal for pullets and hens. 5 ft. feeder will take care of 35 to 50 hens. 8 ft., 55 to 80. Fine for turkeys.

BROWER'S BROODER ACCESSORIES

BROODER ROOM AND HOME THERMOMETERS ACCURATE—DEPENDABLE—ECONOMICAL

No. 48-400A Brooder Thermometer



This handy style Thermometer was especially designed to insert through hole in top of brooder, placing the bulb in the actual brooding temperature. Held in position by metal washer. $4\frac{1}{2}$ " white enameled scale with black figures and graduations. Wood frame. Magnifying lens tube filled with non-fading red liquid. Range 30 to 120 degrees Fahrenheit.

Price

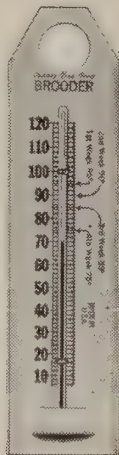
No. 48-400A—8" long. \$0.50

No. 48-400—10" long. .55

Postpaid in U.S.A.

No. 400A

No. 48-12C Brooder Thermometer



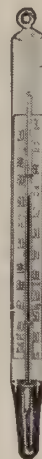
Variation of a few degrees in brooding temperature often marks success or failure for the poultry raiser. Use this accurate, dependable Brooder Thermometer. Green enameled frame $7 \times 1\frac{1}{2}$ ". Scale and numerals in black for easy reading. Registers from 20 to 120 degrees Fahrenheit. Non-fading red spirit, magnifying lens tube.

One in carton. Price...\$0.35

Postpaid in U.S.A.

No. 12C

No. 48-48 Scalding Thermometer



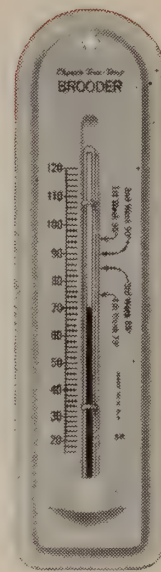
An accurate thermometer for testing the temperature of water for dressing all kinds of fowl. Should pay its cost many times over in higher prices received for better appearing dressed poultry. Check water temperature quickly with Brower's Scalding Thermometer. Also used in cheese and candy making.

One in Carton.

Postpaid....\$0.60

No. 48

No. 48-581C Brooder Thermometer



Nonrust white enameled frame 8×2 ". Black figures. Nonfading red liquid, bulb protected. A large, sturdy, easy to use and easy to read Brooder Thermometer. Keep several on hand as replacements. Shows correct brooding temperature for chicks of any age. Registers 10 degrees to 120 degrees F.

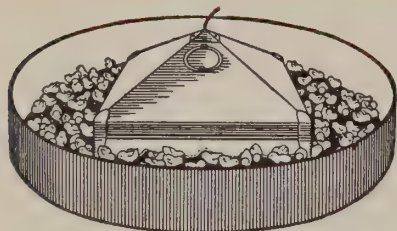
One in carton.

Price.....\$0.40

Postpaid in U.S.A.

No. 581C

Corrugated Chick Guard



A valuable investment. Protect baby chicks from being chilled and piling up in corners and smothering. 12" high. Eliminates disastrous floor drafts. Easily erected. Can be adjusted for any size brood. Confines chicks to proper brooding area around brooder.

No. 48-711—Chick Guard. 40 ft. by 12 in. Wt. 3 lbs. Each.....\$.95

F. O. B. Quincy, Illinois

Adjustable Fire Guard Roof Saddle

Where Oil, Coal or Wood Burning Brooders are to be used, as a fire protection, every brooder house roof should be fitted with a Fire Guard Roof Saddle. Made of galvanized iron. It is rainproof. Base being adjustable fits flat or up to 45 degree roofs. Pipe extension is 14" long. 5" stove pipe fits into it. Weight 6 lbs.

No. 48-155E—5" Roof Saddle. Each.....\$2.70

F.O.B. Quincy, Ill.



Brower's Draft Equalizer



A valuable addition to any Oil, Wood or Coal Stove. Assists greatly in creating a steady continuous draft, especially during times of high winds. Helps to prevent back drafts, economizes on coal consumption and makes the operation of an oil stove smoother. 8" long Pipe made of Blued Steel—Equalizer Collar pressed steel with balanced damper.

No. 48-145—Draft Equalizer. Size 5". Weight 2 lbs. Price each.....\$0.90

Packed 1 in Carton. F.O.B. Quincy, Ill.

Special Violet Light Bulbs

This is a special pure Violet glass bulb, not a common painted bulb; has carbon filament.

Violet light assists in preventing cannibalism, makes a fine pilot light and heating element for Batteries and Floor Brooders. Used and recommended by thousands of poultry raisers. Protect your chicks and avoid serious losses. Order your supply at once.

No. 48-V—Special Violet Light Bulb, 60 Watt, 110 Volt. Each.....\$.75 6 for.....\$4.50

Postpaid



For 110 Volts
60 Watt

Combination Hygrometer and Thermometer

A Taylor Instrument

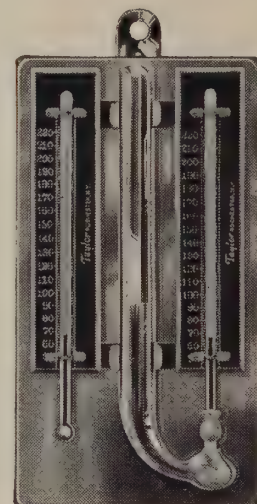
Vitally essential to hatcheries and poultrymen. Especially recommended for use in battery brooder rooms, and in Smith, Buckeye, Petersime and other Mammoth Incubators. An ingenious device for determining relative and absolute humidity. Approximate scale range 30 to 120 degrees. Scales are black oxidized finish with white figures and graduations, mounted on mahogany panel, with insulating supports and syphon reservoir. Each in a box, complete with spare wicks. Chart and directions for reading.

No. 48-5532—Hygrometer. Size $8\frac{1}{2}$ " $\times$ $4\frac{1}{2}$ ". Weight 1 lb. Price each.....\$6.00

No. 48-55321—Extra Wicks for above Hygrometer. Per dozen.....\$1.50

No. 48-55322—Extra Reservoir for above Hygrometer. Each......75

Postpaid in U.S.A.



Brower's Revolving Flue Cap

Used on top of smoke pipe stack, Brower's Revolving Flue Cap will increase the efficiency of any brooder stove. It absolutely eliminates the possibility of down drafts, as the vane turns with the slightest breeze. Also prevents driving rain or snow blowing down, inside the pipe and interfering with regulation of fire and heat control. Made of rigid galvanized steel. Fits only 5" stovepipe.

No. 48-705—Revolving Flue Cap. Dia. 5".

Weight each 2 lbs. Price each.....\$0.85

F.O.B. Quincy, Ill.



Brower's Brooder Stove Pipe

With "Snaplok" Feature

Easiest of all to set up. Requires no tools—no hammering—no rivets. It is put together as shown in illustration to left. The "SNAPLOK" Feature gives a secure lock the full length of joint. Can be cut into any fractional length without destroying the locking feature of cut pieces. Impossible to collapse or expand when joints are fitted together. Joints of 24" length.

No.	Material	Size	Wt. Doz.	Price per Joint	Dozen of 25 Joints	Case of 25 Joints
48-67	28 ga. Galv.	5"	28 lbs.	\$0.49	\$5.17	\$10.19

F.O.B. Quincy, Ill.



BROWER'S

Wafer Thermostats

Accurate—Dependable—Long Lasting

The Thermostat Wafer is the heart of any brooder or incubator. Regardless of how well made brooder or incubator may be, a defective thermostat wafer can mean the loss of an entire brood of chicks, or a complete setting of eggs due to chilling or overheating.

Brower Wafers are accurate and dependable. The Wafer discs are deeply corrugated, with the edges double seamed to give added strength and spring to the wafer. A heavy coating of solder is sweated into the double seamed joints, and extended back $\frac{1}{4}$ inch from edge. A solid post is securely soldered from inside. Each Wafer is triple tested for accuracy, and specially treated to retain its bright finish indefinitely.



BROWER'S UNIVERSAL TYPE WAFER

**No. 48-31W
Universal
3-Inch Double Disc**

*Fits over sixty of the
most popular styles*



This Wafer is readily adapted for use on nearly all electric, oil and coal brooders, and incubators. The threaded Universal stud, shown above, screws onto the male Screw Post 2 on top and thus converts it into either the Plain Post 5 or Female Post 7. Here in this one unit you actually get the advantage of seven different wafers, for the Universal is made to serve the purpose of the following wafers: Nos. 1W, 2W, 3W, 5W, 7W, 21W and 1WB. This Universal feature is especially advantageous to dealers, for it means that now there is only one style of Wafer to stock, where before seven different styles were required.

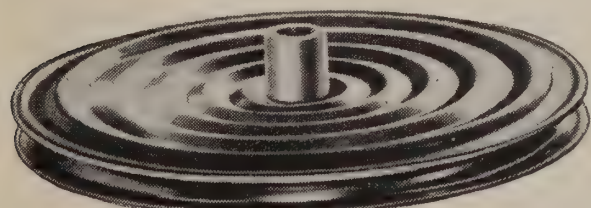
No. 48-31W—3-inch, Double Disc Universal Wafer. Each \$0.40 Dozen \$4.00
Shipping weight each, $4\frac{1}{2}$ oz.—Dozen, 3 lbs.

WORKMANSHIP INSURES QUALITY WAFERS

Each Brower Wafer is hand soldered; triple tested to assure accuracy; thoroughly cleaned, and finally given a special dressing to prevent corrosion. Brower-built wafers are filled with pure ether and will not "slosh" when shaken. Only wafers filled with unreliable, adulterated liquids "slosh."

Single post wafers are made with an embossed button on bottom side, which is reinforced with solder.

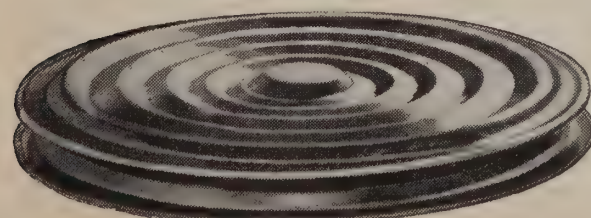
Brower Wafers have this special reinforcement because it is very necessary as constant action will dent a wafer at this point unless it is reinforced.



**No. 48-1WB
Used on
Brower
Floor and
Battery
Brooders**



**No. 48-31W
Universal
Wafer—
Used on
Most Coal
and Oil
Brooders**



**No. 48-3W
Used on
Most Oil
Brooders**

A Complete Wafer Selection

To fit almost any make, style or type of Chick Brooder (Oil-Coal-Wood-Gas Burning Electric Floor type and all Battery Chick Brooders). Note listing below.

For convenience of dealers all styles of Brower 3-inch Wafers are packed one in carton, listing the make of brooder it is suitable for. Individual packages are packed one dozen in handy Display Carton. This display is free with every dozen of 3-inch wafers.

We recommend that dealers order a stock of Brower's No. 48-31W Universal Type 3-inch double disc wafer illustrated at left as it fits over sixty most popular style brooders.

OIL BROODER WAFERS

No. 48-3W—3-in. Double for Brower Super-Blast Drum Major, Monitor, Crown, Sol-Hot, Twin-Float, Montgomery Ward, Reliable, Makomb, Up-to-Date, Silent Sioux new style, Rite Heat, Brower Twin-Blast, Hudson, Queen, Makomb, J. W. Miller, Sears Roebuck. Posts 2 and 6.	Each	Dozen
	\$0.35	\$3.65
No. 48-6W—3-in. Double for Simplex, Behler, Sunshine, Lincoln, Phelan, Siebring. Posts 7 and 10.	.40	4.00
No. 48-1WB—3-in. Double for Silent Sioux old style. Posts 6 and 7.	.35	3.65

ELECTRIC BROODER WAFERS

No. 48-1WB—3-in. Double for all Brower Electric Floor Type and Battery Brooders. Posts 6 and 7.	\$0.35	\$3.65
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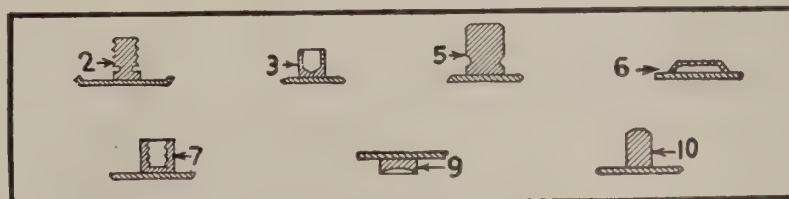
COAL BROODER WAFERS

No. 48-1W—3-in. Double for Brower, Belle City, Buckeye, Big Chief, Dandy, Hudson, Imperial, Klondike, Makomb, J. W. Miller, Moe, Montgomery Ward, National, Reliable, Red-Hed, Royal, Anderson, Oakes, Sears Roebuck, Torpedo, Up-to-Date. Posts 5 and 6.	\$0.35	\$3.65
No. 48-3W—3-in. Double for Jamesway new-style Brooder. Posts 2 and 6.	.35	3.65
No. 48-10W—3-in. Double for old-style Jamesway Drew, and Cole. Posts 2 and 7.	.45	4.25
No. 48-15W—4-in. Double for Ohio old-style Brooder. Posts 2 and 6. Weight each 7 oz.—Dozen 5 lbs.	.55	5.30

INCUBATOR WAFERS

No. 48-2W—3-in. Double for Brower DeLuxe, Belle City, Buckeye, Safety Hatch, J. W. Miller, Ideal, Moe, Sears Roebuck, Makomb, Automatic, Klondike. Posts 2 and 9.	.40	4.00
No. 48-5W—3-in. Double for Reliable, Sure Hatch, Mankato, Simplicity. Posts 5 and 9.	.40	4.00
No. 48-12W—3-in. Double for Hibbard, Favorite, Montgomery Ward. Posts 2 (with $\frac{3}{4}$ thread) and 9.	.40	4.00
No. 48-9W—3-in. Single for Oakes, Sears Roebuck, Brown Hen, Ironclad, Wisconsin, Sears Big Gray Hen. Posts 5 and 9.	.30	3.30
No. 48-WM—4-in. Double Brower, Woodmaster Wafer.	.60	6.60
No. 48-15W—4-in. Double for 1939 Jamesway Incubator. Posts 2 and 6.	.55	5.30
No. 48-18W—4-in. Double for Blue Hen, New Town, Candee, Perfection. Posts 2 and 9.	.55	5.30

All Prices F.O.B. Quincy, Ill.



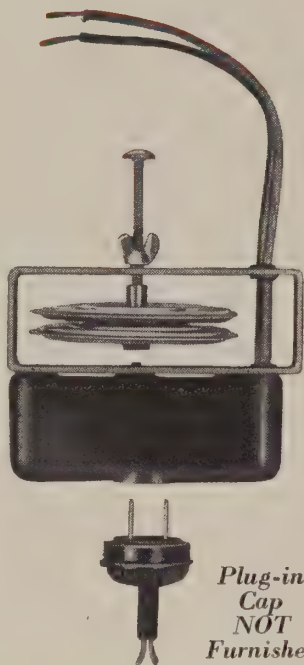
For the convenience of our customers we illustrate, above, seven of the most commonly used wafer posts. When ordering, give the catalog number of wafer, and the size, specify the make of Incubator or Brooder and designate style of posts by number.

Snap-Type Electric Thermostat Switch

Accurate snap-type Thermostat Switch for Electric Brooders and Incubators. Positive in action. Turns electricity on and off on correct degree. Will not cause radio interference common with many cheap controls. All mechanism enclosed in dust-proof BAKELITE box which eliminates possibility of short circuits. Carefully built throughout of best materials. Same switch as used in all types of Brower Brooders. Ready to install. No extra installation expense as in many other switches. If used on a heavy lamp load, use Carbon Filament Bulbs. For use on 110 volt A.C. only.

No. 48-C-38S—Switch as described above with one 3" Double Wafer. Weight 1 lb.

Price each..... \$2.55
Postpaid in U.S.A.



Plug-in
Cap
NOT
Furnished



No. 9233

Sun Hinge Burners

Successful burners for lamps, incubators, brooders and fountains. Single wick style. Size 3 also furnished in double wick type.

No.	Size	Size Threads	Size Wick	Price Each
48-922	2	1 $\frac{1}{16}$	$\frac{7}{8}$	\$.60
48-923	3	1 $\frac{3}{4}$	1 $\frac{1}{2}$	.85
48-9233*	3	1 $\frac{3}{4}$	1 $\frac{1}{2}$	1.05

*Double Wick.

Postpaid

Chimneyless Burners

Require no chimney. For incubators, brooders, or fountains. Single wick style only.

No.	Size	Size Threads	Size Wick	Price Each
48-952	2	1 $\frac{1}{16}$	$\frac{7}{8}$	\$.85
48-953	3	1 $\frac{3}{4}$	1 $\frac{1}{2}$	1.30

Postpaid in U.S.A.



No. 952



Badger All Brass

Chimneyless Burners

Same burner as used in Brower Oil Heated Poultry Fountains. Requires no chimney. Single wick style only.

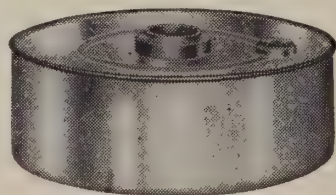
No.	Size	Size Threads	Size Wick	Price Each
No. 48-1975	2	1 $\frac{1}{16}$	$\frac{7}{8}$	\$.50

Postpaid in U.S.A.

Lamp Bowls

Galvanized steel—double seamed. For Incubators, Brooders and Fountains. Stamped Bowl 7" in diameter, 2 $\frac{1}{2}$ " deep. Capacity 1 $\frac{1}{2}$ quarts. With size 2 or 3 burner collar. Weight 2 lbs.

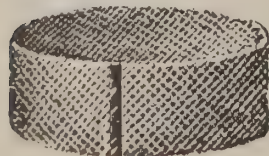
No. 48-962—For No. 2 Burner. . \$.90
No. 48-963—For No. 3 Burner. . 1.00



Brooder Wicks

Wire Woven Wick made of asbestos fibre. For use in Blue Flame Brooders. Width 1 $\frac{1}{2}$ " diam. 3 $\frac{1}{2}$ " or 5". State dia. desired.

No. 48-340—Wick. Price each, postpaid.
\$0.25; 3 for \$0.60; doz., \$2.25.

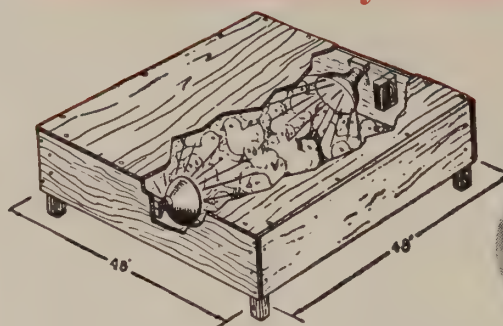


Cone Heaters

For use in Battery and Canopy Brooders. Puts out a large amount of heat. 60 watts, 110 volt only.

No. 48-5004—Cone. 60 watts. Each..... \$.65
Postpaid in U.S.A.

New Infra-Red Ray Brooder Bulb



Showing How Infra-Red Ray Bulbs and Thermostat Switch Are Used in Home-Made Brooder



Produces Healthful
Infra-Red Rays

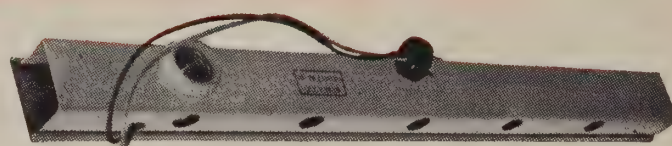
One of the best brooder bulbs on the market. Recommended for use in Home-Made Brooders by the Ohio State Experiment Station, and the Agricultural Engineering Departments of New York, New Jersey and Pennsylvania State Colleges. Ohio Station in their bulletin No. 209 reports of tests made with Infra-Red Ray Light. We quote, "In a total of 2,000 chicks in 15 different groups, there has been no feather picking or cannibalism."

Infra-Red Rays are beneficial to chicks, poults and pigs in combating germs. One of the best and most economical heating bulbs to use in brooding 100 chicks or less without a canopy. All that is required is to place bulb about 12 inches above chicks. The polished silvered inside of bulb reflects the Infra-Red Heat Rays down to the chicks. Doctors use Infra-Red Ray Lamps for heat treatments.

Free Brooder Plans and instructions how to make and operate brooder up to 250-chick capacity. Bulbs furnished 1 size only—250 Watt—120 Volts—A.C.

No. 48-R-40—One Infra-Red Ray Bulb. Capacity 100 chicks.....\$1.35
Two Infra-Red Ray Bulbs and one C-38S Automatic Control Heating Switch. Capacity 250 to 300 chicks.....\$5.25
Postpaid in U.S.A.

Special Air-Flo Brooder Heater



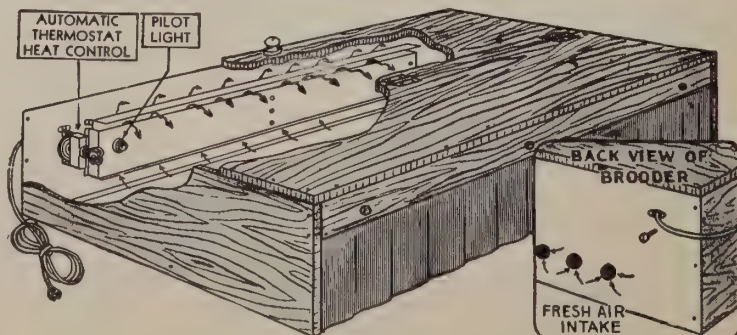
This is a Special Chick Brooding Element designed by Brower Engineers in the Brower Laboratory. Solves the problem of supplying at a very economical operating cost a continuous circulation of pure fresh air at the correct brooding temperature for chicks from 1 day to 5 weeks old, by using a Brower No. 48-C-38S Automatic Control Thermostat Switch, which regulates temperature in brooder to any set degree. See view of Home-Made Box Brooder, how it draws in, preheats and circulates air over chicks. The value of extra chicks and feed saved from chicks dying by being chilled or overheated at brooding time, by not supplying a correct brooding temperature, should soon pay cost of Brower Air-Flo Element and an automatic temperature control regulator.

Many Brower Air-Flo Heating Elements are used to heat plant beds, also to defrost show windows.

Made of rigid galvanized steel, nichrome wire heating coil, 100-watt capacity. Length 21 $\frac{3}{4}$ " x 2 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ ", wt. 2 lbs. Element is the same as used in Brower Brood-Mor Battery Compartment.

No. 48-5003S—Electric Element as illustrated. 100-Watt, 110-220 volt, A.C., wt. 2 lbs.....\$2.70

No. 48-5038S—Electric Element complete with No. 48-C38S Automatic Temperature Control Switch as shown at upper left.....\$5.25
Postpaid in U.S.A.



BROWER'S

All Brass Aristocrat FLOAT VALVE

Saves All the Time and Labor of Carrying Water

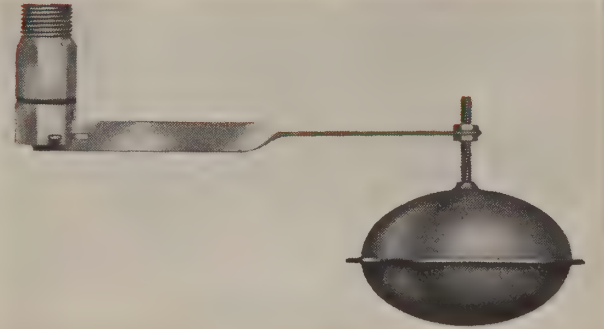
All-Brass—Will Not Rust or Corrode

Brower's Aristocrat Float Valve does away with the backbreaking job of carrying water. Automatically regulates a continuous flow of fresh water and keeps it any desired level, in troughs, buckets or crocks, for hens, turkeys, pullets, broilers, chicks in poultry houses or on range. An egg is 67 per cent water and to receive the greatest egg production from hens, it is necessary to have a sufficient supply of fresh water handy. The value of the extra eggs you can receive from 8 to 10 hens with an ample supply of water before them will soon pay cost of valve.

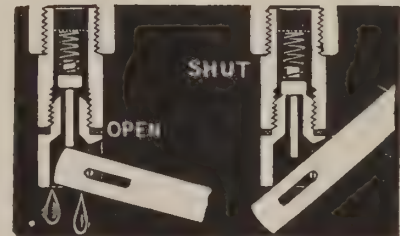
Has a regular $\frac{1}{4}$ " pipe connection and can be adjusted for use on city water pressure. Can be fitted to any size pipe by use of reducer coupling. Being all brass, freezing will not injure it.

See view at right showing valve raised up and sliding arm in slot that closes water supply when cleaning containers. (A special improved feature no other valve has.) Float can be used under or over bar arm to suit depth of water. The best constructed valve on the market for regulating water in Furnace Humidifier Tanks. Economical in price, easy and simple to install. Make sure your birds have water before them at all times by installing an Aristocrat Float Valve.

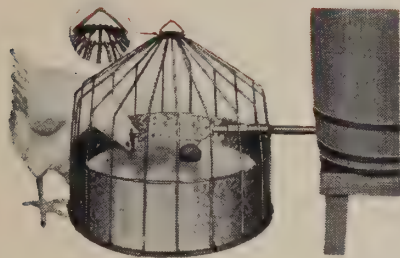
No. 48-455 Brower Adjustable Float Valve. Weight, 8 oz. Postpaid. Each.....\$1.15



Right — Cutaway View Showing How Valve Is Closed When Bar Arm Is Raised.



WIRE GUARDS FOR PAN FOUNTS



Can be used with a galvanized pan or small enamel pans, and a Brower Aristocrat Float Valve (pictured above) to make a very satisfactory watering device. Used in connection with a pressure water or barrel system, a constant supply of fresh water can be furnished. Provide your hens with plenty of water and insure maximum egg production.

Guards are rigidly made of heavy galvanized wire. Electric welded. Diameter, 17"; height, 16", with 21

spaces, $2\frac{1}{2}$ " apart. Shipping weight each 3 lbs.; per doz, 30 lbs.

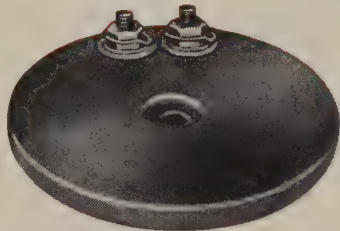
No. 48-617—Wire Guards. F.O.B. Quincy, Ill. Price, each.....\$0.85

CHROMALOX HEATING UNIT

Made of Nickel Chromium Wire, embedded in a special refractory and completely enclosed in metal—same heating element as furnished in the Brower Deluxe Electric Heated Founts on page 32. 100 watt.

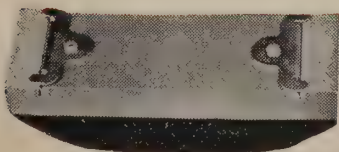
Dependable, very long life. Guaranteed for one year. Used to heat watering founts; also ideal for heating small brooders, etc. See description of the Automatic Electric Heater Base on page 32.

No. 48-132B—100-watt Chromalox Heating Element, diam. $3\frac{1}{8}$ ". Price, each.....\$1.80



F.O.B. Quincy, Ill.

WONDER EGG CLEANER



Clean eggs sell at higher prices. This Egg Cleaner does the job easily and thoroughly. Cushion made of newly developed water resistant "resiliflex", which is soft enough to conform to shape of egg but won't pack down. Especially grained garnet finishing cloth can be quickly replaced—securely held with rustproof quick-action clips.

No. 48-JN250—Egg Cleaner.....\$0.40

No. 48-JN251—Six Garnet Cloth Fillers in Envelope......45

Postpaid

NULL AUTOMATIC POULTRY FOUNT



A practical and economical core valve automatic waterer for chickens and turkeys. Is a fount and float valve all in one. Simply attach to a $\frac{1}{2}$ " water pipe or fit to large tanks or barrels. Can be installed on any pressure.

Has all brass valve with aluminum body. Valve can be replaced with ordinary tire valve. Easily regulated, to keep proper water level in bowl. Holds a pint of water and will accommodate 8 to 10 hens drinking at one time, or 100 or more hens to a fount.

No. 48-NU—Automatic Poultry Fountain Shipping weight, 2 lbs. F.O.B. Quincy, Ill. Price, each.....\$3.00

TRUMBULL POULTRY WATER WARMER

50° Fixed Temperature—
155 Watts—25 or 60 Cycle,
110 Volts, A.C. Only

For use in drinking pans, pails or fountains. Completely water-proof. Should always be submerged. It is safe—no danger of electric shock—no fire hazard—no radio interference. Everyone who keeps poultry needs this water warmer—it's a sure defense against water freezing.

No. 48-2T—Water Warmer. Shipping weight 1 lb. Price.....\$4.00

F.O.B. Quincy, Ill.

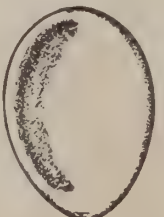


WOODEN NEST EGGS

Nest eggs are used to induce hens to lay in the proper place. Brower's wooden nest eggs are natural in appearance, enameled white and highly polished. They are easy to keep clean and will last a long time. Come packed one dozen to the carton.

No. 48-341—Wooden Nest Eggs. Per dozen.....\$0.50

Postpaid



Use Bands and Keep Records of All Chicks and Fowls

Stop Picking Losses with Decker's

TURK-E-BITS AND CHICK-N-BITS



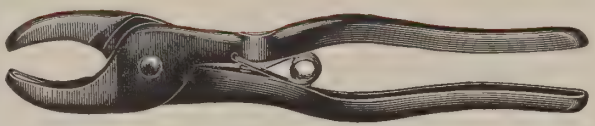
Quickly stop losses of turkey and chicken profits, because of feather pulling and fighting. Easily applied with applicator shown below. Made of a special alloy rust-resisting light-weight wire. Scientific construction with blunt ends means that the beak is not punctured or crushed. Birds

are not irritated, but go right on eating and drinking as usual. There are no irregular parts to catch on wire guards, feeders or founts or on wire fencing. This feature saves lives of many birds. Economical to apply.

	100	500	1,000
No. 48-167—ChickNbits—Small Size for Poult or Adult Chickens...	\$0.60	\$2.90	\$5.40
No. 48-168—TurkEbits—Large Size for Adult Turks.....	.90	4.20	8.00
No. 48-169—TurkEbits—Tom Size for Very Large Turkeys.....	1.20	5.55	10.60
Postpaid in U.S.A.			

TurkEbit and ChickNbit Applicator

The handy applicator pictured here is needed to apply Decker TurkEbits. Use of applicator saves the hands. Fast and practical.



No. 48-172 TurkEbit Applicator, Each, Postpaid.....\$1.00

Use Helmets to Prevent Pickouts



CANNIBALISM is responsible for the major losses in many commercial flocks of chickens due to the dreaded vice known as "picking." Eliminate picking by equipping each bird in your flock with patented Helmets. Helmets are made from Duraluminum. Attached to fowl's beak easily with a STAINLESS STEEL PIN. Helmets have no effect on bird's feeding or natural habits. Helmets will help to increase egg production—help to reduce mash waste—and help to discourage fighting and domineering. An

investment of only a few pennies per bird gives your flock this important protection.

No. 48-8936—Helmets, \$3.00 per 100, \$13.00 per 500, \$25.00 per 1,000.

Postpaid in U.S.A.

SPIRAL LEG BANDS



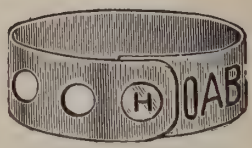
Made of the best quality heavy round colored celluloid rod, with full one-half lap. Packed in bundles of 50 of one color and size—no bundles broken. Specify breed and sex when ordering. Colors: White, Blue, Yellow, Red, Green.

Size	No. 48-398N	100	500	1,000
4—Baby Chicks.....		\$0.30	\$1.35	\$2.50
6—Growing Chicks and Medium Pigeons.....		.40	1.80	3.25
9—Leghorns and Anconas.....		.55	2.50	4.55
11—Rocks, Reds, etc.....		.65	3.05	5.50
12—Orpingtons, etc.....		.75	3.45	6.25
14—Large males, Geese, Turkey Hens.....		1.00	4.50	8.20
Postpaid in U. S. A.				

Association Adjustable Seal Leg Band

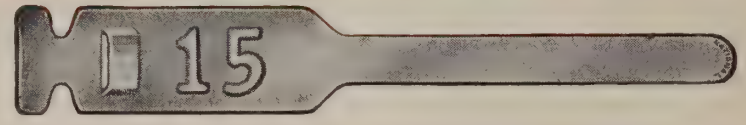


One of the most popular Leg Bands for identifying Certified and Accredited flocks. One size adjustable to all breeds except large male birds and turkeys. Made of painted metal 3/8" wide, with smooth edges. Strong lead rivet. Large embossed numbers. Furnished only in unbroken sets, numbered 1 to 100, 101 to 200, etc. No series broken. Prices include numbering. Standard size adjustable for 9 Mediterranean, 11 American, 13 Asiatic.



	100 Bands	500 Bands	1,000 Bands
No. 48-4102—SEAL LEG BAND...	\$1.70	\$7.50	\$14.25
No. 48-4102L — TURKEY BAND, adjustable for 13 Asiatic, 14 Turkey Hens, 16 Turkey Toms.....	1.85	7.90	15.00
No. 48-107S—Plain Jaw Sealer.....			1.35
Postpaid in U.S.A.			

Brower's Adjustable Leg Band



A popular, inexpensive Leg Band, for trapnesting, blood-testing and culling. Adjustable for all breeds except large cock birds and turkeys. Made of painted metal, 1/2" width. Secure tongue and slot fastener. Large embossed numbers. Numbered as high as desired and sold only in even hundred series, 1 to 100, 101 to 200, etc.—no series broken.

	100 Bands	500 Bands	1,000 Bands
No. 48-15N—Adjustable for size 9 Mediterranean, 11 American and 13 Asiatic Females.....	\$0.75	\$3.30	\$6.00
No. 48-15P—Adjustable for size 13 Asiatic Males, 14 Turkey Hens, 16 Turkey Toms.....	.80	3.65	6.65
Postpaid in U. S. A.			

Hasco Turkey Wing Bands

Fast — Self-Piercing — Self-Sealing. For half-grown and matured birds. Sharp, reinforced point pierces the wing and seals permanently in one quick and easy operation. Bands cannot be removed without breaking the clinched point. Also may be used as ear tags for cattle, sheep, hogs or horses. Prices include consecutive numbering.



	100	500	1000
No. 48-18—Tinned Steel Bands...	\$2.50	\$7.95	\$14.85
No. 48-18S—Applicator Pliers, each.....			1.80
Postpaid in U.S.A.			

"Jiffy" Self-Piercing Wing Band

A Great Time Saver



OPEN

For Day Old Chicks or Grown Birds. Provides life time identification. Instant application. Made of tempered aluminum 3/16" wide. Made one size, stamped numbers easy to read—in series 1 to 100 and up. No series broken. Minimum order 100 Bands.



SEALED

No. 48-8939—Jiffy Band, 100—	\$1.00;	500—	\$4.25;	1,000—	\$7.50
No. 48-8938—Applicator for Jiffy Bands. Each.....					.65
Postpaid in U. S. A.					

BROWER'S

LIGHTING SWITCHES

Increase Winter Egg Production 25% to 35%

Extra Eggs Soon Pay for Switch



*Read Below
How Lighting Hen
House Will Increase
Fall and Winter
Egg Production
25% to 35%*

Brower's Time Switch automatically duplicates the daylight hours of a summer day. Can be installed at any point in wiring system. Operates bright circuit in the morning and at night, or any desired hour, followed by dim circuit which is maintained for 15 minutes to allow hens to return to roost before lights go out. We recommend a 50-watt bulb to every 200 sq. ft. of floor space for general use with 10-watt bulbs for the dimming over the roosts.

Hens Will Lay Few Eggs on Half Rations

You know that hens cannot lay on half rations. It takes all the food they need to keep up their bodies and then some more before there is any for the manufacture of eggs. It takes time to consume this extra food and unless that extra time is furnished them, there will be fewer eggs. Lengthen the short winter days with properly regulated lights. Then, watch the egg flow. See how an efficient lighting system pays for itself within the first few weeks, how the average flock will increase production within a week after the lights start working. Reliable records show that an efficient lighting system will increase egg production 25-35% during the fall and winter months when eggs demand highest prices.



**Quick, Easy, Sure,
Safe, Killing Tool for
Broilers, Fryers, Hens
and Roosters, Tur-
keys, Ducks or Geese**

Handles and jaws of new type tempered aluminum for long life. Rite-Way blades made of stainless steel for long life and corrosion resistance. Blades are removable for easy sharpening, and can be quickly replaced. Blade painlessly pierces brain and cuts main artery to assure perfect bleeding. Nerves relax, loosening the feathers of the fowl for easy picking. Light in weight and easy on the hands—no danger to operator.

No. 48-639—Rite-Way Poultry Killer. Weight, 4½ oz. Price each . . . \$2.25
Postpaid in U.S.A.

Built for Long and Trouble-free Service

Available in two models—the No. 301 for morning use, and the No. PS30 for morning and evening use. These Underwriter approved switches are scientifically designed—constructed throughout of the finest materials to insure a long life of dependable, trouble-free operation. Housed in dust-tight, moisture proof case with hasp lock cover. Equipped with heavy duty Telechron motor, specially designed and lubricated for low temperature operation. All motor reduction gears operate in oil so lubrication is not necessary. For 60 cycle A.C. 115 Volt.

No. 301 ON and OFF Switch

Can be set to turn lights on and off in the hen house at any desired time in the morning. Can also be used to turn show window lights on and off. Capacity 3,000 watts. Case size 7½x4½x3¾".

No. 48-301—ON and OFF Electric Switch—Less Dimming Circuit. Weight, 4 lbs. Price each . . . \$11.75

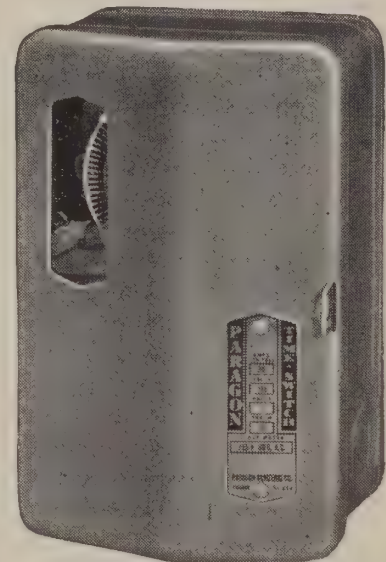
F.O.B. Quincy, Ill.

No. PS30 Switch with Dimming Circuit

Preferred by most poultrymen as it most nearly equals summer day. Turns lights on and off at any desired time in morning; then on again at sundown and off again at 7:00 to 9:00 P.M. at which time dimmers are automatically turned on for a 15-minute period allowing hens to go to roost before the coop is entirely darkened. Simple in construction. Easy to install. Recognized in the industry as the finest poultry house lighting switches available. Approved and endorsed by U.S. Department of Agriculture, and poultry husbandry divisions of most of the state experimental farms. For 60 cycle A.C. 115 Volt. Capacity 3,000 watts on Bright Circuit, 1,000 watts on dim circuit. Case size 7½x4½x3¾".

No. 48-PS30—Morning and Evening Lighting Time Switch and Dimming Circuit. Weight, 4 lbs. Price each . . . \$13.50

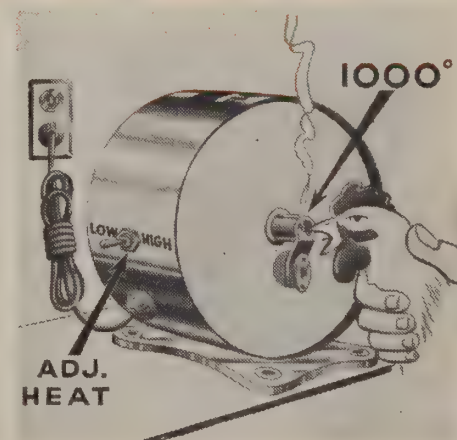
F.O.B. Quincy, Ill.



New Style No. PS30 Time Switch
Underwriters' Approved

BROWER'S DeLUXE DEBILLER

Quickly sears back and cauterizes the upper beak of birds. Stops picking, feather pulling and cannibalism. Stops domineering and fighting of roosters and tom turkeys. Value of fowls saved soon pays cost of Debiller. Does not slow up egg production. Easy and quick to use. Costs less than other methods. Two heat adjustments—200 watts or 120 watts. Cauterizer attains maximum temperature of 1000 degrees within 10 minutes. Reversible cauterizing rod with concave surface for rounded upper beak, or flat for additional speed. Debills fast without bleeding. No moving parts—steel base in hard aluminum frame—new exploded silica insulation—modern design. Ready to use—mount at convenient height and plug into 110-120 volt outlet. (A.C. or D.C.)

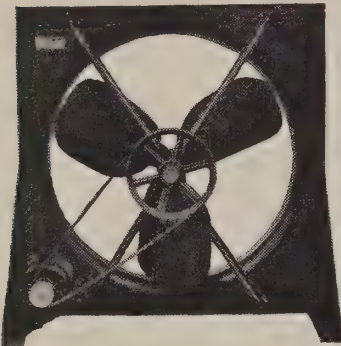


No. 48-471 Debiller—Size 7½x5½x7½" high. Weight 6 lbs. Price each \$11.40
Postpaid.

Lau Propeller-Type "NITEAIR" FANS

For Hatcheries, Feed Stores, Broiler Plants, Dairies, Factories, Offices, Homes, Etc.

Keeps Air Fresh, Cool, Healthful



Lau propeller-type "Niteair" fans are designed for a wide variety of applications, where it is necessary or advantageous to exhaust undesirable air and provide fresh air from the outside. These Lau fans are particularly useful around hatcheries and poultry plants because of the necessity of having fresh air at all times. Can be used in hatchery incubator rooms, broiler plants, poultry dressing plants, offices, factories, basements, storage rooms, retail establishments and farm

buildings. A Lau "Niteair" Fan can be used to construct a very fine hay drier in the loft of a barn. Many farm papers and agricultural colleges are today publishing plans for hay drier installations. Lau "Niteair" Fans provide an efficient and economical method for correcting innumerable air-control problems. Removes dust-laden, foul, contaminated, or excessively hot air, fumes, gases, dirt or smoke. Helps keep temperature constant.

A Size To Fit Every Need

NOTE: The size of the fan or fans required is determined by the size of the room or space from which it is desired to expel the air. For example: A 40-ft. by 100-ft. building 14 ft. high, contains 56,000 cubic feet of space. To completely change the air 4 to 5 times an hour, which is recommended for the average poultry house or broiler plant, would require one No. 48-304L fan. Other commercial installations will probably require more changes of air per hour.

Fine for Homes, Too



Remove Musty, Stale Air



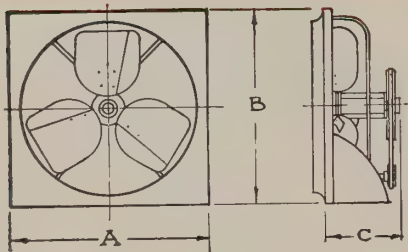
Pull in Cool, Fresh Air

Many home owners are now installing Lau "Niteair" Fans to circulate cool night air through living and sleeping rooms for greater summer comfort. In the morning they turn off the fan, close all windows and doors, and the house stays cool all day. See drawing above which shows how this is accomplished.

Quiet - Efficient - Economical

Improved design of the Lau Venturi-Type entrance housing reduces air "drag" and turbulence. This assures increased delivered volume with less power, and eliminates the most common cause of "air noise." 110-volt, 60 cycle, single phase motors will be supplied unless otherwise specified on order. 3/4 H.P. motors are 110/220-volt. Standard Equipment: A Panel type fan unit complete with long hour motor with overload protector and drive, supported on welded steel angle iron, and with attractive baked green finish.

DIMENSIONS - SPECIFICATIONS - PRICES COMPLETE WITH MOTOR

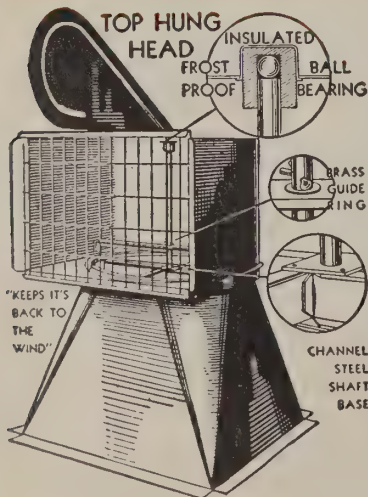


(Refers to Dimensions at Right)

Unit	Fan Size	Dimensions			Cu. Ft. Per Min.	Revolutions Per Min.	Horse Power	Shipping Weight	Price! F. O. B. Factory
		A	B	C					
No. 48-226L	22"	29"	24 1/2"	11"	3,800	700	1/6	50 lbs.	\$ 58.00
No. 48-304L	30"	38"	38"	13 1/2"	7,100	460	1/4	85 lbs.	75.00
No. 48-363L	36"	42"	42"	13 1/2"	10,150	400	1/3	103 lbs.	99.00
No. 48-423L	42"	48"	48"	16"	12,600	330	1/3	168 lbs.	126.00
No. 48-487L	48"	54"	54"	16"	18,000	332	3/4	200 lbs.	166.00

See page 41 for time switches, that can be used to turn fans ON and OFF at any time.

Revolving Head ROOF VENTILATOR

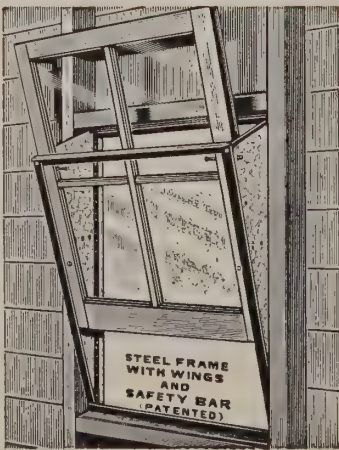


Proper ventilation removes foul moist air and increases health of poultry, hogs, and other livestock. For use on Laying Houses, Brooder Houses, Hog Houses, Barns, Storage Houses, and Factory Buildings. Provided with large, strong vanes that respond to the slightest breeze. The ball-bearing revolving head is perfectly counter-balanced. Substantially constructed of heavy galvanized steel finished with silver aluminum paint. Base can be fitted to any style roof. Fitted with bird-proof screen. This roof ventilator is built to withstand all kinds of weather and quick shifts in wind directions without danger of down-draft.

No. 48-RH12—Flue diam. 12 in.; base 16x16 in.; height 34 in. Wt. 17 lbs. Price each.....\$9.50

F. O. B. Quincy, Ill.

STEEL WINDOW FRAMES



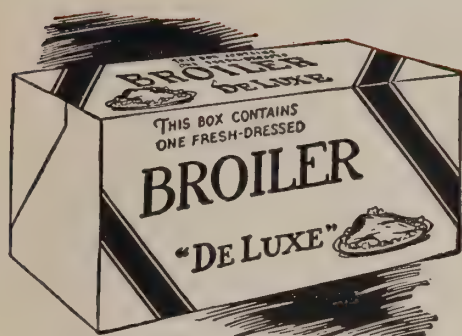
Sunlight and fresh air are as vital to chickens and livestock as a good feeding program—and they cost you nothing. It's easy to provide plenty of sunshine and ventilation with Brower's Steel Window Frames. Designed to eliminate drafts. Simple to install. Spring bolts furnished with windows lock sash shut—or in any desired open position. Safety bar ties wing tips together. They cannot spread and let sash drop. Sash can be opened as much or as little as desired. Built of heavy galvanized steel to give years of service. For use with sash 1 1/8" or 1 3/8" thick, 4—9x12 lights, 22"x29". Sash not furnished. Sold on Brower's guarantee.

No. 48-1361—Window Frame, Wt. 7 lbs. Price each....\$2.45

F. O. B. Quincy, Ill.

Broiler Boxes, Wire Brushes and Hatchery Supplies

DeLUXE BROILER BOXES



These Boxes are made of heavy, paraffined Kraft Lined Chip Board. They are made in one size—suitable to accommodate a two- to three-pound dressed broiler. They are printed on three sides with an attractive design as shown in the illustration. Printing is in green ink. They

are shipped flat, easily and quickly assembled without staples or tape.

No.	Size	Weight Per 1000	Price of 100	Price of 500	Price of 1000
48-5477	3½x4x8"	150 lbs.	\$3.38	\$15.88	\$29.50

F. O. B. Quincy, Ill.

ACME STAPLERS AND STAPLES

Acme Hand Power Stapler

Sturdily built. Operated by an easy acting hand lever and has an extra deep throat. Ideally suited to the small hatchery and generally used in the larger hatchery as auxiliary equipment for busy seasons. Staples feed down accurately, without clogging. Takes standard No. 61S broad flat wire Staples.



Illustration at left shows Hand Power Stapler. The famous Acme Foot Power Stapler is listed below.

No. 48-1H—ACME HAND POWER STAPLER. Shipping weight 9 lbs. Price.....\$12.25

F. O. B. Quincy, Ill., or Factory

No. 48-611—ACME FOOT POWER STAPLER. Height 52". Shipping weight 120 lbs. Price..... 48.25
F. O. B. Quincy, Ill., or Factory

ACME COHERED STAPLES

No. 48-61S—ACME BROAD, FLAT WIRE STAPLES with ⅜" leg for Acme Staplers No. 1H and No. 611. Packed 5000 Staples to a box. Wt. per box 1 lb. 14 oz.

1 box only, price.....	\$2.22
5 box lots, per box.....	2.10
10 box lots, per box.....	1.98
25 box lots, per box.....	1.86

F. O. B. Quincy, Ill.

No. 48-XX—ACME STAPLES with ⅝" leg. For old-style Acme No. 1 Chick Box Stapler (not shown here). Packed 5000 Staples to a box. Wt. per box 1 lb. 2 oz.

1 box only, price.....	\$1.92
5 box lots, per box.....	1.80
10 box lots, per box.....	1.68
25 box lots, per box.....	1.56

F.O.B. Quincy, Ill.

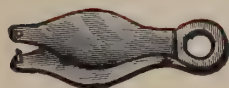
HATCHERY GLUE

No. 48-748—GLUE. For gluing on chick box sticks and for general hatchery and office use.

1 gallon can, weight 15 lbs., price.....	\$0.80
2½ gallon jar, weight 46 lbs., price.....	1.50

F.O.B. Quincy, Ill.

TOE PUNCH



For marking baby chicks by punching hole in web between the toes. Prepaid in U. S. A.

No. 48-33X—TOE PUNCH.
Price each.....\$0.20

WHIRLWIND TRAY CLEANER



Cleans Better - Faster - Saves Time

Brower's Whirlwind Tray Cleaner saves time and labor. It is equipped with a special 5" diameter power-driven circular steel wire brush that spreads to 6" in diameter when operating. This large brushing surface minimizes the time required for cleaning trays and wire mesh floors. Revolves at 1750 r.p.m. and, as the tray is lightly passed over it, the Wire Brush instantly picks off particles of shell and all matter adhering to the screen of the tray. Comes equipped with a ¼ H.P., 110 volt, 60 cycle, A.C. high-grade electric motor; a ½" direct shaft attachment and one Whirlwind Wire Brush, as illustrated.

No. 48-716—TRAY CLEANER complete with motor as shown. Wt. 31 lbs. Price.....\$25.10
No. 48-717—WIRE BRUSH only. Wt. 3 lbs. Price..... 4.95
No. 48-717S—WIRE BRUSH AND SHANK, to connect to motor. Wt. 3 lbs. 6.30

Prices Prepaid in U. S. A.

WIRE CLEANING BRUSHES

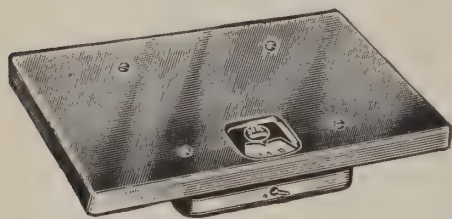
Superior quality wire brushes! Rigid production standards make them correctly designed, longer wearing tools. Carefully selected seasoned hardwood blocks with smooth gripping edges. Specially tempered high carbon, fine steel round wire in uniformly filled rows. Accurately spaced tufts, and crosswise staple setting permits the individual tufts to reinforce one another. No short wires used—automatic trimming insures an even brushing surface. They work better, save time, and reduce cleaning cost. Widely used for brushing and cleaning work in hatcheries, poultry farms and industrial applications. Recommended for brushing feeders, founts, poultry batteries, pipe threads, tires, tubes, battery terminals, etc. For cleaning wire floors, grids and drop pans. Used to remove corrosion, rust, dirt, grease, paint, varnish, etc.



No. 48-1611—Straight Back Brush. Block 7¼ x 2¼", 6 x 19 rows, 1¼" trim. Wt. per dozen, 11 lbs. Each.....\$.45
No. 48-1632—Curved Back Brush. Block 7¼ x 2¾", 9 x 21 rows, 1¼" trim. Wt. per dozen, 11 lbs. Each.....\$.65
No. 48-1641—Shoe Handle Brush. Block 10 x 1", 4 rows, 5" long, 1¼" trim. Wt. per dozen, 6 lbs. Each.....\$.35
No. 48-1651—Curved Handle Brush. Block 14 x 1", 3 rows 6¼" trim. Wt. per dozen, 7 lbs. Each.....\$.30
No. 48-1599—Display Assortment of 12 Wire Brushes. Contains 4 No. 1611, 2 No. 1632, 4 No. 1641, 2 No. 1651. Wt., 8 lbs. Price per assortment.....\$5.10
F.O.B. Quincy, Ill.

HEAVY DUTY PLATFORM SCALE

For Farm and Commercial Use



**Made Strong —
Accurate and
Dependable**

Weights Up to 250 Lbs.

**Special Weight
Recording Feature**



Thousands of Uses!



Here's a very reliable, portable, convenient scale, with accuracy guaranteed to within 1/2 of 1 per cent. Weighs up to 250 pounds.

The low, overlapping 10"x16" platform of this scale makes it very useful on the farm, or in the shipping stock room because large sacks, bundles and boxes can be weighed on it. If the dial is obstructed when weighing a large container, a "Dial Lock" weight recording feature makes it possible to read the weight after the object is removed from the scale. Also very handy when weighing in dark places where the dial cannot be easily seen. Simply flip the lever when weighing, then remove the item and take the scale to the nearest light for reading.

OTHER FEATURES—Low platform saves high lifting. Scale can be carried to heavy packages, instead of moving the packages. Large figured dial—easy to read. Weight attachment screw for tare or net weight. All internal parts rustproofed. Fully guaranteed.

A great many uses for the poultry, dairy, livestock, grain or truck raiser, for weighing feed, seed, eggs, fertilizers, milk, cheese, fruit and vegetable produce. Also for weighing lime, cement, sand, etc., in construction and repair work. Truly the scale of 1,000 uses!

Practically indestructible in ordinary use.

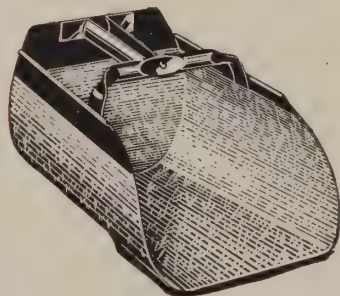
No. 48-3300—Platform Scale. Wt. 10 lbs., Price, Each.....\$10.00
F.O.B. Quincy, Illinois

NEW BATTERY FEED SCOOP

Built to Give Years of Service

This flat-bottom scoop makes it easy to slide along battery trough, giving an even flow of feed without waste. Every feed dealer and poultry raiser can save time and feed with this scoop. Made of heavy galvanized steel. End welded. Handle all steel. Capacity, 4 Quarts.

No. 48-2502—Feed Scoop. Wt. 1 3/4 lbs., Each.....\$1.00
Postpaid in U.S.A.



METAL CARD HOLDER

For marking incubator trays, trap nests, seed bins, etc.

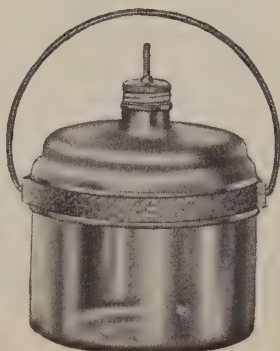
No. 48-271—Size 2 7/8"x1 1/4". Wt. 5 ozs. Per dozen.....\$0.50
No. 48-272—Size 4 1/2"x1 1/8". Wt. 7 ozs. Per dozen......75
Postpaid in U.S.A.



OIL CONTAINER FOR BROODERS

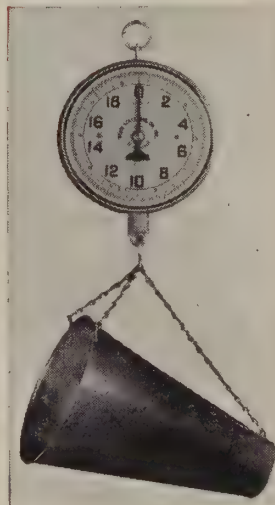
Fits nearly all Oil Brooders. Glass is the most popular container, as it keeps the supply of oil visible at all times. Never-leak valve made of brass with steel coil spring. Weight 5 lbs.

No. 48-337—Glass Oil Bottle with valve and bail.....\$1.60
No. 48-334—Glass Oil Bottle less valve and bail.....\$1.35
No. 48-335—Valve only for oil bottle...\$0.30
F.O.B. Quincy, Ill.



CHICKEN WEIGHER AND BLEEDING CONE

Weights Accurately—Capacity 20 Lbs.



A scale that every farmer needs for weighing live or dressed poultry. The cone can be detached and used for killing and bleeding of chickens. When cone is detached, scale can be used for other weighing purposes up to 20 lbs.

How It Works

Place live chicken head first in cone for killing and bleeding or weighing. Allow head to extend out of small open end. Scale made of cold rolled steel with 8-inch enameled dial. Warranted accurate. Inspected to accurate tolerance. Thousands used by poultrymen and farmers for weighing broilers and pullets. Also for breeding and marketing purposes and general farm use. Weighs fruit, vegetables, butter, etc.

No. 48-331A—Scale with Funnel. Weight 6 lbs. Each.....\$5.80
Postpaid in U.S.A.

E-Z WAY FOWL CATCHER

Here is a humane handy tool that catches quickly, without injury, and holds securely, Hens, Pullets and Broilers. It saves much labor and time when culling flocks of pullets or hens, broilers for marketing, and chickens to kill for home use. It catches chickens in a quiet manner without danger of exciting hens, that would cause a slump in egg production for several days. It is a valuable tool that every poultry raiser should use.

Feed dealers and hatcherymen find them a fine gift for their customers.

Made of heavy one-piece galvanized spring steel rod with a sure catch, hold tight, leg loop hook, fitted with nice wood handle.

Brower E-Z Way Fowl Catcher comes in really handy for pulling down branches when picking fruit. A big time saver.

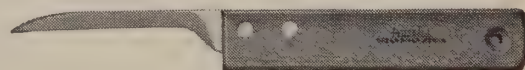


No. 48-635—Fowl Catcher. Wt. 1/2 lb. Each.....\$0.30
Postpaid in U.S.A.

POULTRY KILLING AND BLEEDING KNIVES

The most popular pattern of poultry killing knives. Scientifically built. Recommended by Agricultural Schools to poultry raisers and produce houses.

No. 48-323—Poultry Killing Knife. Overall length, 7 1/2". Blade, 3" long. Price each.....\$0.50



No. 48-323

No. 48-113R—Pinning Knife. Blade 2 1/2" long. Price each.....\$0.40



No. 48-113R

No. 48-2694—Turkey Sticker. For turkey killing with a 4" blade. Price each.....\$0.70



No. 48-2694

All knives postpaid in U.S.A.

RED FELT WICKS

No. 48-2080—For size 1 Burner. Per doz.....\$0.35
No. 48-2090—For size 2 Burner. Per doz......55
No. 48-2100—For size 3 Burner. Per doz......65
Postpaid in U.S.A.

Hart All-Brass Automatic Watering System



Hart self-cleaning Pick Founts and Watering Cups are scientific automatic watering devices for laying houses, yards, laying cages, batteries, brooder houses, rabbit hutches, etc. Can be connected to a low pressure water supply tank on wall (see view) or a pressure line supply with float valve to maintain water level. Day old chicks and poultry of all ages drink from Hart Founts or Cups at once as the bright, brass metal attracts them. Once their beak touches valve, water flows and when beak is removed, water automatically stops flowing. See view of hens drinking from Hart Fount Cups. Wattles remain on outside of Cup avoiding water spillage.

Capacities—One Hart Fount or Cup will water 20 hens—30 pullets or broilers—40 chicks. Cups and Founts supplied with one 4 ft. length of 23/32 O.D. hard brass tubing with holes threaded for attaching valves, spaced 4 or 6 inches apart, ready for use. Brass pipe is sold only with valves, in 4 ft. complete units.

4 ft. Brass Pipe with 12 holes threaded and spaced 4 in. apart

No. 48-412F—4 ft. pipe with 12 Hart Founts, capacity 300 hens. Wt. 19 oz. \$3.75

No. 48-412C—4 ft. pipe with 12 Hart Cups, capacity 300 hens. Wt. 20 oz. 4.95

4 ft. Brass Pipe with 8 holes threaded and spaced 6 in. apart

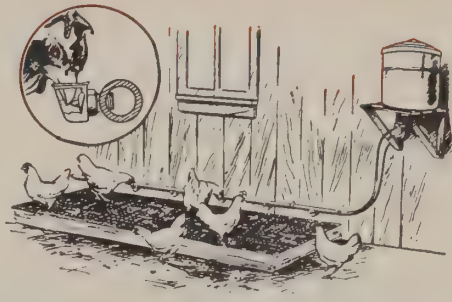
No. 48-408F—4 ft. pipe with 8 Hart Founts, capacity 200 hens. Wt. 17 oz. \$2.95

No. 48-408C—4 ft. pipe with 8 Hart Cups, capacity 200 hens. Wt. 20 oz. 3.75

No. 48-407—Hart Pick Fount, each 20c; 100 Wt. 3 lbs. 19.00

No. 48-409—Hart Cup Waterer, each 30c; 100 Wt. 4 lbs. 29.00

Hart Cups or Valves can be attached to 1/2" galvanized piping. F.O.B. Quincy, Ill.



WIRE EGG COOLING BASKET

Helps Keep Eggs Fresh Longer

Every flock owner should own one or more of these specially designed egg baskets. Reasonably priced—sturdy and strong. The value of the eggs it will save from breaking will soon pay its cost. Legs on bottom allow free circulation of air around all eggs on side and up through the bottom, thus keeping them in a fresher condition longer (quick cooling of eggs is very essential) enabling poultrymen to secure extra prices for eggs. Made rigid of heavy galvanized wire with all joints smoothly welded, and eggs will not be marked or discolored when placed in basket. Especially designed and shaped to prevent breakage of eggs. Also a fine

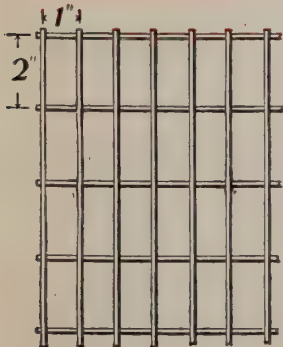


basket to use for picking apples, peaches, carrying corn or potatoes; delivering packages, and many other uses around every home. Be sure to give this basket a trial as it will save time and labor which costs many dollars.

No. 48-2344—Wire Egg Gathering and Cooling Basket. Wt. 3 lbs. Price each. \$1.00

F.O.B. Quincy, Ill.

WELDED WIRE FABRIC



This strong, smooth, one-piece wire fabric is recommended for Poultry and Turkey Pens, and Batteries. Heavy gauge galvanized wire, electrically welded. Ideal to use where great strength and rigidity is required. Fine for floors where it minimizes the danger of spreading disease germs in droppings. The open mesh of the welded wire floor offers practically no lodging for droppings, and is automatically cleaned by birds' feet. Has many other uses such as coops, baskets, window guards, partitions, sun-porches, animal runs, lawn fencing corn cribbing, silos, trellis, play pens, etc. There are no sharp edges or projections. The vertical stay wires are cut flush top and bottom with the line wires. Welding of all joints adds to both strength and rigidity.

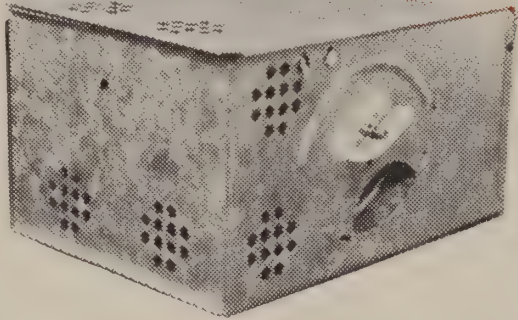
No.	Mesh	Stay Wires	Line Wires	Gauge	Width Inches	Wt. Per 100 Ft. Roll	List
48-1114	1 x 1	1" x 1"	14	36	129 lbs.	\$24.90	
		1" x 1"	14	48	172 lbs.	33.20	
48-1214	2 x 1	2" x 1"	14	36	96 lbs.	15.20	
		2" x 1"	14	48	128 lbs.	20.25	
48-2411	2 x 4	2" x 4"	11	36	117 lbs.	13.35	
		2" x 4"	11	48	156 lbs.	17.80	

F.O.B. Quincy, Ill.

KETCH-ALL MOUSE TRAP

Users Catch 15 to 20 Mice In One Night

The handiest, easiest to use trap ever invented. With Ketch-All Traps it is possible to eliminate mice from homes, stores, warehouses, elevators and mills. Entirely automatic. Winds up like an alarm clock. Sets itself and catches one after another as mice enter trap. Trapped mice are not killed and after caught attract others. Doesn't require daily attention—can be checked only every second or third day. Not necessary to touch mice—just dip trap in pail of water and destroy them. Users everywhere are praising the Ketch-All Mouse Trap. Many report catching 15 to 20 mice in one night.



From Satisfied Users

"I used one of your traps in the feed store for better than a year and a half and caught not less than 18 mice in it the first night. It can be used indefinitely and is practically indestructible." Manilla Farm Supply Co., Manilla, Iowa.

"We have used one Automatic Ketch-All Mouse Trap for nine months. We have caught as many as 10 mice in one night. It is a very effective trap." New Richland Produce Co., New Richland, Minn.

Simple and Easy To Set Trap

Simply slide off top and place bait of flour, cheese, etc. in sealed compartment where it cannot be destroyed. One simple winding sets trap to catch 20 to 25 mice. Easy entrance to trap from 2 sides. Mice cannot escape when other rodents enter opening. Rigid, almost indestructible galvanized, rust-proof construction is a guarantee of many years of satisfactory service. All working parts are protected as they are enclosed in trap. Size 9 in. deep, 7 in. wide, 5 1/2 in. high.

No. 48-K—Mouse Trap. Wt. 3 lbs. F.O.B. Quincy, Ill. Price ea. \$2.95

HARDWARE CLOTH

1/4", 1/2" and 3/4" Mesh

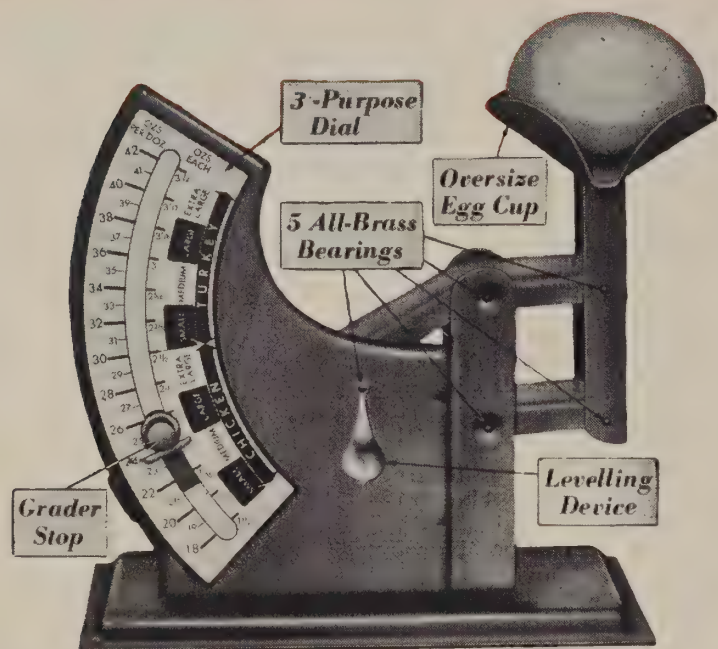
Copper bearing galvanized after weaving to give good service. Recommended for sanitary brooder and battery floors. Helps prevent spread of infection through germs in droppings. Has an endless number of other uses, such as screening windows, building pens, etc. Absolutely rat and mouse proof. Easy to cut and install.

No.	Mesh	Gauge	Width	Wt. per 100 ft. roll	Price per 100 ft. roll
48-515D	1/4"	23	30"	68 lbs.	\$19.30
48-515E	1/4"	23	36"	80 1/2 lbs.	23.20
48-515F	1/2"	19	30"	73 1/2 lbs.	16.60
48-515G	1/2"	19	36"	89 lbs.	19.90
48-515B	3/4"	16	30"	108 lbs.	21.70
48-515C	3/4"	16	36"	129 lbs.	26.05

F.O.B. Quincy, Ill.



1/2" Mesh

Grades Hen and Turkey Eggs—Fast and Accurate**Grade Your Eggs For Extra Profits**

Accurate, dependable and durable. For grading chicken and turkey eggs. Poultry raisers and turkey growers report they receive from $4\frac{1}{2}$ to 8 cents per dozen extra for graded and candled eggs which is \$1.35 more per case for chicken eggs and \$2.40 or more per case for turkey eggs, or \$27 more on every 20 cases of chicken eggs and \$48 more on every 20 cases of turkey eggs. Therefore you should be able to secure, depending upon the size of your flocks, several hundred dollars more yearly by grading and candling your eggs.

Hundreds of hatcheries in order to be sure they receive fresh, candled and graded eggs, which assure larger hatches and better chicks, supply their flock owners with Brower Egg Graders and Candles so they will be sure of receiving fresh, candled and graded eggs for setting purposes.

Be sure to order a Brower No. 48-579—3-In-1 Egg Grader (see above) also a No. 48-717 Egg Candler (illustrated at right). The extra money you receive for 2 or 3 cases of candled and graded eggs should pay for them.

10 Outstanding "3-In-1" Grader Features

1. Rigid steel construction, finished in attractive pea-green, best quality baked enamel.
2. Large easy to read raised figures on polished aluminum dial show instantly correct grade of eggs, also weight each and per dozen.
3. Grading spaces are red and black so you see correct grade instantly. Greatly increases grading speed.
4. Adjustable stop allows grading of eggs instantly of any desired grade or weight, thereby saving much time.
5. Polished brass bearings and a balanced beam guarantees accuracy in grading eggs. No parts or springs to rust or cause trouble.
6. Brass bearing scale leveling device assures accuracy.
7. Extra large egg cup is a protection against costly egg breakage.
8. Grades chicken or turkey eggs. Simple and easy to operate.
9. Factory inspected and accurately balanced.
10. Sold on a money back guarantee to be as represented.

Prices and Specifications "3-In-1" Grader

No. 48-579—3-In-1 Grader. Packed 1 to carton, weight 17 oz.; packed dozen to carton, weight 18 lbs. per carton.

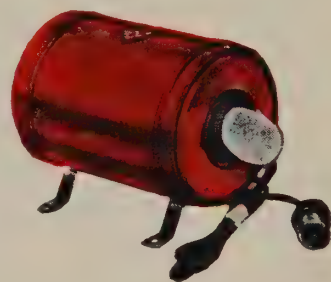
Price each postpaid in U.S.A. \$1.75

QUIK-WAY EGG CANDLER

Candling makes fresh eggs worth more money as candled fresh eggs sell at 10 to 20% higher. Polished metal. Made to use on bench, wall or to hang up. Complete with Underwriters' approved cord, plug and socket. Size $8\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{1}{2}$ ". Weight 3 lbs. For use on 110-volt A.C., 60-cycle.

No. 48-JW-717—Jiffy-Way Clear View Candler, less bulb \$1.65

Postpaid in U.S.A.

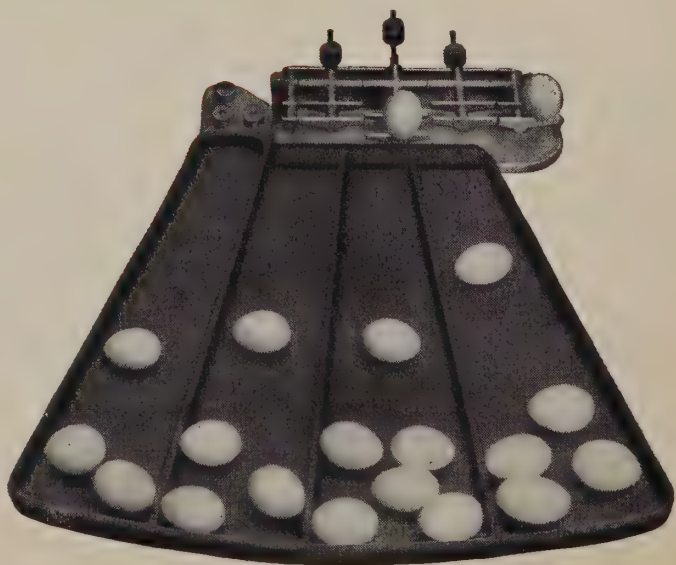
**QUIK-WAY AUTOMATIC EGG GRADER****Grades 3 to 6 Cases Per Hour**

Here's a real money maker for large flock owners. Grade your eggs this new, quick, easy way with Brower's Quik-Way Automatic Egg Grader. It's fast—it's accurate. A great time saver. It meets state grading laws. On the market graded eggs sell for from $4\frac{1}{2}$ to 8c more per dozen than eggs that are not graded. These premium prices should soon repay you the cost of the grader. So easy to use that a child can operate it without difficulty. Automatically separates the eggs into four grades. Just place the eggs on the feeder where they are automatically separated as to size and weight. See view at right. Grades three to six cases per hour depending on the speed of the operator. Made to give years of accurate, dependable service. No electricity required. No parts to get out of order and no adjustments to make after balance test weights are set. Comes complete with test weights and screw leveling device. Constructed throughout of the best materials. Grading mechanism made of durable cast aluminum. The tray is made of special extra soft molded rubber to avoid egg breakage.

Size—width at rear, 16"; length, 25"; front, 23" wide, $3\frac{1}{2}$ " high; weight, only 9 lbs. Portable, easily handled. Mailable. Sold on Brower's 30-day trial guarantee.

No. 48-2131—Quik-Way Egg Grader. Price each \$17.95

Postpaid in U.S.A.

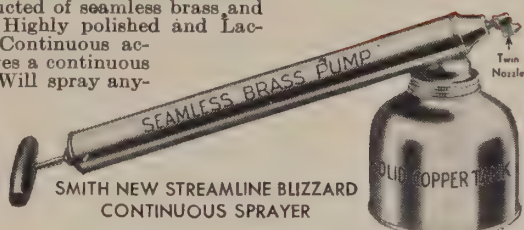


SPRAYERS FOR EVERY PURPOSE

STREAMLINED BLIZZARD SPRAYER

For small spraying jobs you can't beat the Blizzard Sprayer. Pump constructed of seamless brass and tank is solid copper. Highly polished and Lacquered. Twin Nozzle. Continuous action—slow pumping gives a continuous unbroken mist spray. Will spray anything in liquid form. Fine for insecticides and disinfectants used around poultry yards and houses. Also excellent for spraying insecticides on roses, flowers, garden plants. Very useful for spraying household fly spray, cattle spray, etc.

No. 48-14Q—Blizzard Sprayer with seamless Brass Pump and Solid Copper Tank. Quart Size, shipping weight, 2 lbs. Price each.....\$3.50
F. O. B. Quincy, Illinois



SMITH NEW STREAMLINE BLIZZARD CONTINUOUS SPRAYER

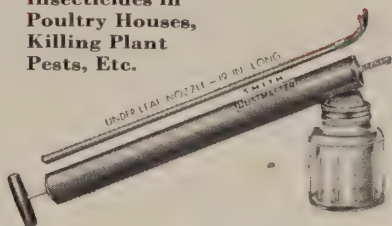
SMITH "DUSTMASTER" DUST GUN

A quality constructed Dust Gun with 19-inch long non-clog nozzle with attachment for dusting at any angle. Fine for dusting insecticide into nests, hard to reach corners, underside of plant leaves, etc. Dust is thoroughly broken up and an effective blast is produced uniformly and easily.

Constructed of heavy sheet tin, attractively lithographed in red. Tough, strong flint glass dust jar graduated for measuring. Capacity 25 oz. (liquid measure, 1½ pints). Jar has same thread as fruit jar, easily replaced. Pump 20 in. long; diameter pump cylinder, 1¼ in.; length over-all when assembled, 40 in.

No. 48-36D—Dustmaster. Weight, 2½ lbs. Price, each.....\$1.30
F. O. B. Quincy, Ill.

Fine for Dusting
Insecticides in
Poultry Houses,
Killing Plant
Pests, Etc.



BANNER COMPRESSED AIR SPRAYER

4 Gallon
Tank—
Funnel Top

Sprays at Any Angle
Five Different Sprays

Sprays any liquid. Suitable for spraying vines, shrubbery, flowers, cotton, trees, disinfectants, cold water paints, whitewash, etc. Fine for removing wall paper. Galvanized steel tank, with graduation marks for measuring liquid. Tank heavily corrugated and double seamed—full 4-gallon capacity. Double bottom for double strength. Funnel top. Removable brass pump. 28 inches of ¾-inch hose. 2-foot brass extension. Adjustable shoulder strap. Height 26½x7½ in. Swivel, non-clog, brass nozzle. Sprays 10 to 15 ft. high. Fully guaranteed.

No. 48-22C—Sprayer with Galvanized Tank, wt. 12 lbs..\$7.70

Available, F. O. B. Quincy, Ill., or Factory.



GIANT "ALL PURPOSE" WHEELBARROW SPRAYERS

For Every Spraying Need Around Poultry Farm or Broiler Plant. Sprays Disinfectants, Insecticides, Sprays, Whitewash, etc.

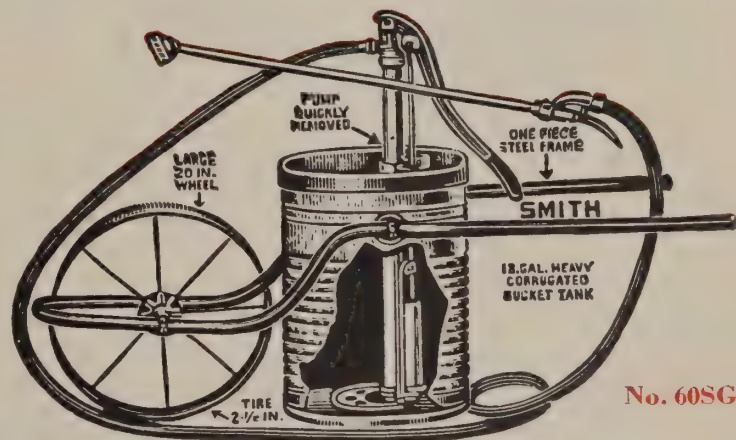
Smith Streamline Wheelbarrow Sprayers are the very latest equipment for heavy spraying duties around poultry farms, orchards, truck gardens, vineyards, nurseries, greenhouses and general farms. Two models are available, No. 60SG Wheelbarrow Sprayer for all general use, and No. 60SPG Wheelbarrow Sprayer with high pressure tank and two wheels.

Each Wheelbarrow Sprayer equipped with 18-gallon bucket tank, oval-shaped to keep the complete outfit narrow in width for wheeling in buildings and between narrow rows. Only 18 in. wide. Large 20-inch wheels with a 2½-inch tread for easy, free wheeling; also prevents cutting into the ground.

Powerful, Continuous Action Spray

The spray pump is very powerful with an exceptionally large compressed air chamber. It develops a high pressure so that with slow, easy pumping a constant high pressure is kept on the nozzle. Pump requires no priming. All working parts are heavy brass. The frame is one-piece heavy tubing. Whole sprayer is well balanced and easy to handle.

Model 60SPG which is equipped with a high pressure tank is guaranteed for 200 pounds pressure after it has been pumped up, which is easily done by slowly working the pump handle. The nozzle will then spray for a considerable length of time without further pumping. Easily operated by one man.



No. 60SG

SPECIFICATIONS:

Size—61 in. long by 38 in. high by 18 in. wide.

Solution Tank—Extra heavy Armco Zincgrip steel, oval in shape, heavily corrugated and reinforced. 18-gallon capacity.

Working Parts—All made of brass.

Mechanical Agitator—Keeps spraying solution thoroughly mixed by churning up and down at each stroke of handle.

Pump—Develops 200 to 250 pounds pressure on nozzle. Capacity, 2½ gallons per minute.

Hose—12 ft., ½ in., best grade.

Extension Pipe—Heavy brass, 3 ft. long for elevating spray.

Nozzle—Brass, with shut-off control; two interchangeable spray discs for large, powerful mist, coarse spray, or solid stream—strainer prevents clogging. Five different sprays.

Truck Frame—Heavy steel pipe.

Wheel—20 in. with 2½ in. tread. Two wheels on sprayer with pressure tank.

High Pressure Tank—(Furnished with Model 60SPG only). Welded steel plate, tested to 300 pounds pressure. Six-gallon capacity. Drain nut on bottom. Heavy-duty brass pressure gauge registering up to 250 pounds.

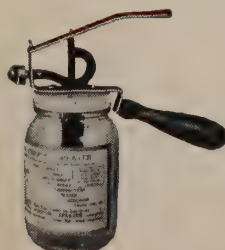
PRICES:

No. 48-60SG—Wheelbarrow Sprayer with 18-gallon Armco steel bucket tank and one steel wheel. Shipping weight, 65 lbs. Price.....\$27.50

No. 48-60SPG—Wheelbarrow Sprayer with 18-gallon Armco steel bucket tank and high pressure tank with two steel wheels. Shipping weight, 97 lbs. (Not illustrated). Price.... 45.75

Prices F. O. B. Quincy, Ill.

All Purpose Hand Sprayer



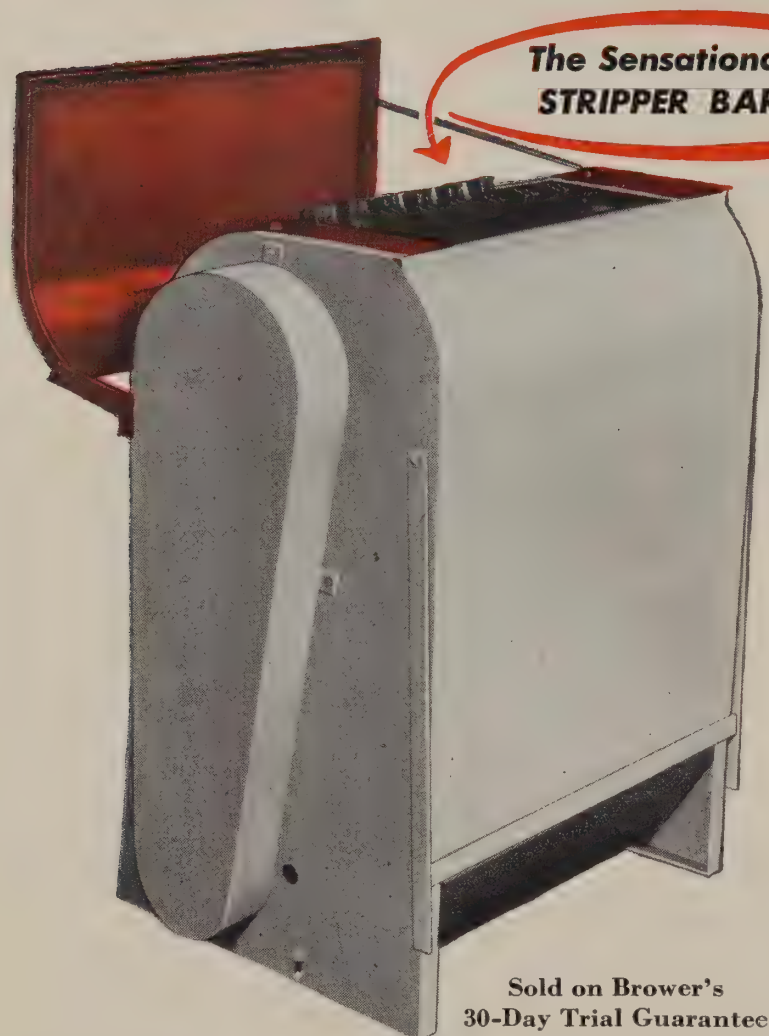
The handiest one pint sprayer you've ever seen for spraying and disinfecting around brooder and laying houses, and for household and garden spraying. Light weight and compact, can be operated with one hand. Sprays a fine mist spray that penetrates cracks, crevices, etc. Attractive and neat in design. Durable brass construction with heavy-duty flexible Neoprene connection.

No. 48-707—All-Purpose Sprayer. Weight 1 lb. Price, each.....\$1.45

Postpaid in U. S. A.

Johnson POULTRY PICKERS

America's Outstanding Poultry Picker

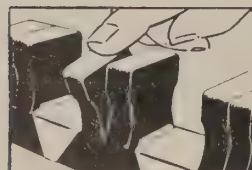
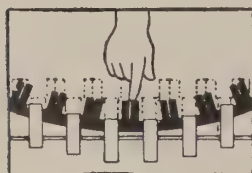
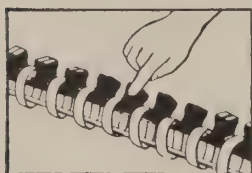


**The Sensational
STRIPPER BAR**

Sold on Brower's
30-Day Trial Guarantee

The Flexible STRIPPER BAR—

*An Exclusive Feature
on Johnson Pickers*



The heart of a poultry picker is the picking drum, and here is where Johnson engineers have made revolutionary changes. Only Johnson Pickers are equipped with the patented flexible-floating STRIPPER BAR. This new picking device offers all the advantages of the old type solid and hollow rubber fingers without the disadvantages, regardless of which type of scald is used. Picks by the "compulsion method" with a more gentle picking action. The twin stripper knobs strike the base of the feathers, lifting out the feathers, then instantaneously drop out of the way to prevent barking or burning the flesh. Offers all the flexibility as shown on the left, enabling the operator to get all the feathers from around the legs and other hard-to-get-at places. It picks clean, practically eliminating all hand work.

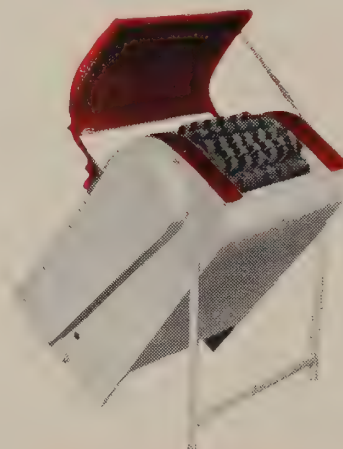
No special skill required. One operator can pick clean 100 or even more birds per hour with a hard scald (160°). Speed is comparatively less at lower temperature scalds for special markets. When you install a Johnson Picker, your picking cost will come down sharply.

Built for Speed and Efficiency

Here's the greatest achievement in poultry picking efficiency. There's no picker like it for speed, finish and economical operation. Far better than old style rubber finger units. The amazing new flexible-floating STRIPPER BAR with twin stripper knobs eliminating all the objectionable features of finger type pickers. Here is truly a major advancement in poultry pickers. It's America's outstanding poultry picker.

Check These Important Features

- 1. RIGID, ALL-METAL CONSTRUCTION.** Built to give years of trouble free service. Beautiful white enamel cabinet. Easily cleaned inside and outside.
- 2. DUAL-PURPOSE SHIELD** that prevents splashing when unit is in operation and serves as a cover for the picking drum when the unit is idle.
- 3. MOTOR AND V BELT DRIVE** are enclosed, which prevents damage from water. Easy access for oiling; has adjustable motor mount.
- 4. OVERSIZE BEARINGS** on the picking drum are not damaged by water. Picking drum is perfectly balanced for smoother picking, longer life and silent operation.
- 5. SOFT RUBBER...**The stripper bar and twin stripper knobs are molded out of flexible soft rubber. No sharp edges to ever contact birds or hands.
- 6. END MOUNTED** stripper bar permits extreme flexibility in picking. No metal-faced drum—only a cradle of flexible rubber.
- 7. NO BROKEN FINGERS...**The stripper bar replaces old type rubber fingers, eliminates finger breakage and all the grief, trouble and expense connected with old type fingers.



EASY TO CLEAN

Folding legs are attached to the picker so that it can be tilted forward and easily cleaned. Smooth white enamel interior and exterior surfaces simplifies cleaning. A large hood catches the feathers and prevents splashing when the machine is in use. Hood serves as a cover when machine is not operating. Beautifully finished in white enamel trimmed in red. Dresses up any poultry shop—helps create impression of cleanliness and sanitation.

THE JOHNSON JIFFI-PICK

Johnson Jiffi-Pick—Especially designed for small broiler raisers who dress all types of poultry, wild game birds (pheasants and ducks) and a limited number of turkeys. Specifications: Height, 37"; width, 22"; motor, ½ h.p., 110-220 volt, single phase, 60-cycle; switch, heater type, drum, 12" diam., 16" long; 12 stripper bars, 6 twin stripper knobs each. Weight, crated for shipment 245 lbs.

No. 48-176 Jiffi-Pick Poultry Picker. Price each \$197.50
F.O.B. Factory

THE JOHNSON MASTER PICKER

Master Picker—A larger model than the Jiffi-Pick for all-purpose poultry picking. Picker has the same features as the Jiffi-Pick with the exception of heavier construction for handling a large number daily of any class of poultry—broilers, fowls, roosters, turkeys, pheasants, ducks, etc. Also has convenient rubber table top on which to lay the birds. Specifications: Height, 37"; width, 46"; motor, ¾ h.p., 110-220 volt, single phase, 60-cycle; switch, heater type; drum, 12" diam., 20" long; 12 stripper bars with 8 twin stripper knobs each. Width of shelf, 20". Shipping weight 325 lbs.

No. 48-179 Master Poultry Picker. Price each \$285.00
F.O.B. Factory

BROWER'S

HOT WATER BOILERS

For Poultry and Hog Houses, Dairy Barns, Etc.

No. 417 Heavy Duty Cast Iron Boiler

These boilers are of scientific and sturdy construction and will render years of efficient, dependable service with a very low fuel cost. We know of no Hot Water Boiler of similar construction rendering as efficient and dependable service requiring less attention and as simple, safe and easy to operate. All Brower Hot Water Boilers are tested by hydrostatic pressure in accordance with the Standards of the American Society of Mechanical Engineers. The test pressure and the maximum allowable working pressure is plainly marked on each boiler. Used for heating battery brooders as well as supplying uniform clean hot water heat under floor type brooders up to 200 feet long, for brooding chicks and broilers. By using pipe radiators along walls they are fine for removing cold and dampness from Poultry Houses, Hog Houses, Dairy Barn Rooms, etc. The No. 48-417 Hot Water Boiler is suitable for supplying heat for brooders or in Laying

Houses from 75 to 200 feet in length. Constructed of heavy cast iron to give years and years of dependable service. Made with a heavily corrugated dome section. Water entirely surrounds fire, causing instantaneous circulation. Burns hard or soft coal, coke, or wood. Regulator opens and closes draft and regulates flow and heat of water in pipes. Base, grate and fittings made of heavy cast iron. Rocker type grate permits easy removal of ashes. Clinker Door just above the grate line is handy for removing clinkers, etc. Heavy rocker grates to withstand hard use. Grate diameter, 17 inches. A fine heater for garages for supplying hot water. Requires fueling about twice a day, depending on climatic conditions. Smoke pipe 6 inches. Large fuel door 9x11 $\frac{7}{8}$ inches. Boiler 53 $\frac{1}{4}$ inches high, 23 $\frac{3}{4}$ inches wide over all. Two inlet and 2 outlet tapings, 2-inch size, located on top and near bottom on each side. Guaranteed as represented or money refunded.

No. 48-417—Brower's Hot Water Boiler complete as shown with fittings, thermostat heat regulator, thermometer, smoke pipe. Shipping weight 677 lbs. **\$176.00**

F. O. B. Quincy, Illinois



No. 417

No. 415 Cast Iron Boiler

The No. 48-415 Hot Water Boiler is recommended for Battery Broiler Plants of 250 per week capacity or Hot Water Battery Brooders up to 20,000 day-old chick capacity—Broiler Battery Rooms, Laying Houses, Hatcheries, Hog Farrowing Houses, Dairy Barns, Greenhouses. Fuel expense very small—25c to 50c per day, depending on climatic conditions. This Boiler will furnish plenty of heat for Floor Type Colony Brooding Systems for brooding chicks, broilers, or ducks, in buildings up to 100 feet long. It is a valuable investment for the Poultryman to use during cold winter months and damp spring months for removing chill and dampness from laying houses, thus helping production when eggs sell at premium prices. To heat the laying house, run pipes from boiler along one wall, and fuel boiler about two to three times in twenty-four hours in severe weather. **INCREASED EGG PRODUCTION IN ONE SEASON SHOULD PAY COST OF INSTALLATION.**

Highly recommended for Radiant Floor Heating of brooder rooms, hen houses and other buildings where heating pipes are laid in concrete or other material.

Fine for supplying hot water to scald poultry or cleaning poultry and dairy utensils, also, for removing the chill from water in stock watering tanks at a distance of 250 feet or more.

Quality Construction — Low Priced

Equipped with three triangular grate bars. Convenient clinker door. Water entirely surrounds fire and circulates upward for a final blast of intense heat before entering heating pipes. All heat is utilized—there is no waste of fuel. Grate 15 inches in diameter; doors machine-fitted, drafts and heat

are regulated automatically by thermostat heat regulator. Burns hard or soft coal, coke or wood. Height over all 41 inches, size of pipe collar 6 inches, size of fuel door, 9x11 $\frac{7}{8}$ inches. Two 2-inch inlet tapings and one 2 $\frac{1}{2}$ -inch outlet tapping.

No. 48-415—Boiler complete as shown, with automatic thermostat hot water heat regulator, accurate hot water thermometer, chain and pulleys for connecting draft and damper. Approximate shipping weight 475 lbs. **\$115.00**

F. O. B. Quincy, Illinois



No. 415 Boiler



Colony Brooding System

FREE PLANS

Send for Brower's Complete Plans for building the Hot Water Colony Hover System. Give size of house and number of chicks you plan to brood.

HUMIDAIRE Incubators and Hatchers

For Higher Percentage Hatches of Chicks, Poult, Game Birds and Ducklings

The Humidaire Incubator is a masterpiece of mechanical perfection, providing more ideal conditions for every tray of eggs because of its fundamentally superior design.

An outstanding feature of the Humidaire is that the eggs can be turned without opening the cabinet, through a very effective electrical device whereby the eggs are turned simply by turning the incubator cabinet itself from one side to the other.

The Humidaire can be automatically set to turn every hour by clock, or as often as desired. Your time can be engaged in profitable work elsewhere, without wasting hours and labor and time turning egg racks, as would be necessary with cabinet type machines. Also, multiple automatic egg turning increases hatchability, adding materially to your profits.

The compact, scientific design of the Humidaire Incubators cuts down the amount of waste space to be heated. The cost of heating waste space in old type cabinet incubators is an expensive operation, and it comes right out of the profits.

Also, there is less operating cost because the Humidaire is compact—all built in one unit. It does not require an egg tray box, or case, or cabinet, because it is in itself an egg rack and cabinet, all in one. The egg tray steel slides are built right in the incubating unit.

THERE IS A HUMIDAIRE SIZE FOR ALL NEEDS—Nine different models are listed here, from 400 to 10,260 egg capacity (information on larger models available on request) to fit the requirements of the poultry raiser, or the large commercial hatchery. In addition to the saving of heat and electric power, each model supplies humidity along with heat and is available with automatic turning—a practical profit-making idea to insure better hatches.



400 EGG CAPACITY

Special Features of All

Brower Humidaire Incubators

While it is impossible to list the exact features of all the different Humidaire models in this space here are a few of the features to be found on all models.

Humidity Control—Heavy gauge galvanized tanks in all Humidaire Incubators and Hatchers are equipped with electric strip heaters applied directly to and inside water pans. Gives warm, moist vapor in natural form. Special size and shape of water tanks makes a constant supply of moisture available. The amount of moisture can be increased or decreased by moving the heaters away from the water tanks with an adjustable arm.

Ventilation—Large ventilating fans permit the entrance and exhaust of air throughout the hatching cabinet.

Temperature Control—Positive mercury switch control insures that correct temperature is constantly maintained. No springs to stick or cause trouble. Adjustable. Snap switch relay. Highest quality wiring throughout.

Electric Automatic Turners—Precision built and wired for positive operation at all times.

Construction—Sturdily constructed throughout of white pine and masonite. Heavily insulated. Metal reinforced at all critical points. Nickel-plated hardware. Doors sealed with rubber cushion.

Incubator Trays—Light enough for convenient handling yet well braced for rough usage. Heavy galvanized wire screen bottoms, reinforced with steel rods. Wood "shoe" hides and protects galvanized wire bottom and leaves no screening exposed at the edges. Smoothly finished. Provided with tray dividers. Card holder on all trays.

The No. 50 Humidaire

pictured at left

The No. 50 Humidaire is an inexpensive, yet very practical and economical 400 chick size incubator that is especially designed to meet the needs of the small flock raiser. Built of high quality materials, fully insulated, and low current consumption. Automatic heat control.

SPECIFICATIONS

Capacity—400 chicks, 285 turkey poults.

Floor space—28" x 34".

Height to top of cabinet—44".

Incubator trays—3—17" x 24".

Motors—1—8" exhaust fan.

Regulators—1 adjustable from outside.

Door rubber cushioned.

Thermometers—1 tray thermometer.

Hygrometers—1.

Heaters—150 watts.

Automatic Turner—Equipped with electric automatic turner when so ordered.

WORKS WHILE YOU SLEEP

While you sleep, or while you go about your other duties, the "Human Mind" of the automatic electric turner turns the eggs for you every hour, day and night. An amazing invention mechanically perfected by the Humidaire Laboratories. This feature insures higher hatchability, too. Data compiled by Poultry Science shows that eggs turned every 14 minutes and every 30 minutes hatched 6.3 and 7.0 per cent better respectively than did the eggs in a check tray which were turned by hand three times daily.



2500 EGG CAPACITY

above The No. 300A Incubator with Separate Hatcher!

The Only Electric Automatically Turned Incubators in the World

Separate Hatcher and Incubating Unit on All Large Models

As you will note from the chart below, the 2500 capacity incubators and larger (also the Humidaire Hatchette) come complete with both an incubator and separate hatching unit. With this type of equipment you can set and hatch at any time. For example, with the No. 300A Incubator and Separate Hatcher, the capacity of the incubator is 1500 chicken eggs and the hatcher is 1000 eggs, making a total capacity of 2500 eggs.

Fine for poultry raisers, turkey raisers and game bird raisers. Eggs do not have to be held for over a few days, thereby increasing the hatchability of each setting.

Sold on Brower's Famous 30-Day
Trial Guarantee (See Page 3).

Other Advantages of Separate Hatcher

1. Greater Sanitation—The incubator compartment stays clean. Dirt, down, and shells are confined to the hatching compartment and easily cleaned after each hatch. Removes all possible chance of contaminating the incubating eggs—the hatcher can be kept in a separate room if desired, and the power and heat in the separate hatcher can be shut off without affecting the incubator. No disease is tracked or carried into the hatcher because no one enters it during the hatching period.

2. More Scientific Control of Incubating Conditions—The separate hatcher makes it possible to supply the special incubating conditions necessary to prevent death of the embryo chick on the critical nineteenth day period. The cabinet of the hatcher is perfectly engineered. No metal lining behind which moisture and disease can lurk—just a trim, plain, waterproofed enclosure which can be quickly and thoroughly cleaned. Completely equipped with trays, ventilating fan, adjustable ventilating door, humidifying pan with electric strip heaters, mercury thermostat control, thermometer and hygrometer. Cabinet is heavily insulated.

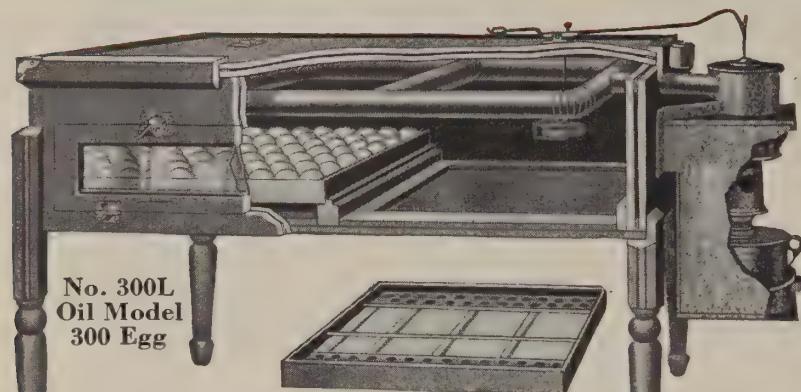
PRICE LIST—BROWER HUMIDAIRE INCUBATORS

Model	Chicken Egg Capacity	Turkey Egg Capacity	Size	Shipping Wt. Crated	Price With Hand Turning Device	Price With Electric Automatic Turning Device
No. 48—50 - Incubator.....	400	285	28" x 34" x 44" high	220 lbs.	\$ 83.00	\$ 167.00
No. 48—55 - Incubator.....	600	350	34" x 40" x 44" high	300 lbs.	94.00	178.00
No. 48—100 - Incubator.....	750	600	44" x 34" x 44" high	265 lbs.	140.00	224.00
No. 48—150 - Incubator.....	1,200	945	34" x 54" x 45" high	400 lbs.	170.00	254.00
No. 48—200 - Incubator.....	1,500	1,150	34" x 60" x 45" high	450 lbs.	200.00	284.00
No. 48—300A - Incubator and Separate Hatcher....	2,500	1,770	34" x 60" x 45" high 42" x 29" x 50" high	850 lbs.	303.00	387.00
No. 48—300 - Incubator and Separate Hatcher....	5,000	3,500	62" x 61" x 7' high 45" x 29" x 50" high	1,835 lbs.	666.00	842.00
No. 48—450 - Incubator and Separate Hatcher....	8,280	5,400	62" x 90" x 7' high 44" x 56" x 50" high	2,150 lbs.	842.00	1023.00
No. 48—500 - Incubator and Separate Hatcher....	10,260	7,140	62" x 102" x 7' high 44" x 56" x 55" high	2,400 lbs.	963.00	1144.00
Humidaire Hatchette.....	550	400	30" x 36" x 62" high	415 lbs.	164.00	248.00

All Prices F.O.B. Factory

NOTE: If you wish more complete information and specifications regarding any of the Incubators listed above, write for special Humidaire catalog. Also, if you are interested in larger Incubators than listed above, write for prices and catalog.

Oil and Electric Heated Models



No. 300L
Oil Model
300 Egg

Cutaway view above shows hot water Heating System inside the Oil Model. The leak-proof hot water pipes of heavy, non-rust copper encircle entire egg chamber, insuring even distribution of heat. Overflow pipe extends through top and permits air to escape, eliminating air pockets. Water is in constant circulation. No cold corners—no air traps.

Sold on
30 Days'
Trial

Sturdily Built of Genuine California Redwood

De Luxe Incubators are adaptable for hatching chicken, turkey, goose, duck, pheasant and quail eggs. Cabinets are of genuine California Redwood. Doors have double glass. Adjustable Ventilators top and bottom. Masonite insulation in top. Equipped with Patented Egg Turning Trays and deep nursery trays.

In the Oil Model, heat is supplied by a kerosene-burning oil lamp with 2-qt. capacity oil bowl . . . one filling lasts 48 hours. No. 85L Incubator equipped with No. 2 Burner, all other sizes with No. 3 Burner. Electric Incubators are fitted with high-grade Electric Element and Automatic Switch; made to operate on 110-volt A.C. without radio interference. Both Electric and Oil Incubators have hot water heating system as shown in cutaway view at left and in both models the heat is automatically controlled. In the two-deck machines, each deck has its own heating system and operates independently of the other. This permits the use of either one or two decks as desired. All machines are complete with Trays, Oil Lamp or Electric Heater, Heat Regulator, Thermometer and operating instructions.

Double Deck Model

Sectional Incubators Have Been Popular With Poultrymen and Farmers for Many Years



No. 900L
Oil Model

The 600 and 900 Egg Size Machines are double deck as illustrated at left.

OIL AND ELECTRIC HEATED MODELS

Electric No.	Oil Type No.	Egg Size	No. Decks	No. Trays	Size Over-all	Height Over-all	Ship. Weight	Electric Price	Oil Type Price
48-85E	48-85L	85	1	1	31x23"	32½"	70 lbs.	\$32.00	\$27.85
48-150E	48-150L	150	1	1	32x34"	32½"	90 lbs.	36.30	32.00
48-300E	48-300L	300	1	2	52x34"	32½"	130 lbs.	44.10	39.95
48-450E	48-450L	450	1	3	71x34"	32½"	170 lbs.	59.30	52.00
48-600E	48-600L	600	2	4	52x34"	55½"	260 lbs.	88.30	79.90
48-900E	48-900L	900	2	6	71x34"	55½"	340 lbs.	118.55	104.00

All F. O. B. Quincy, Illinois. Electric Incubators for 110 Volts A. C. only.

ALL STEEL MILK STOOL



Every Milker Needs One

This fine milk stool is a real helper to the dairyman. Any family would find many uses for it. Strong, rigid and extremely durable. Comfortable and sanitary. Made of heavy formed sheet steel electric welded and reinforced throughout, bonderized for permanent protection from rust; gray enamel finish. Ht., 12"; diam., 10"; wt., 7 lbs.

No. 48-694—Steel Milk Stool.

Price, each.....\$1.25
F. O. B. Quincy, Ill.

HOG FOUNTAINS

Heated and Unheated Models



Helps Put Weight On Hogs—Cuts Feed Costs

Hogs gain weight faster and cut feed costs when supplied fresh water with Brower Hog Fountain. Easily attached to any farm tank or barrel. Available in heated and non-heated models. Savings in feed will soon pay cost of this outstanding fountain.

Waterer Construction

Built strong and sturdy to give years of service. Heavy cast iron bowl 14" long, 7" wide, 4½" deep. Enameled. Two-piece lever valve with rubber valve gate. Valve and metal float protected by removable cast iron housing. Galvanized strainer prevents valve from clogging.

Heater Base—14 gauge copper bearing steel, attractively enameled 2½ pint oil container, No. 2 Badger Burner. Burner cannot be knocked over or blown out. Weight of fountain complete with heater is 18 lbs.

No. 48-43HF —Hog Fountain Less Heater.....15 lbs.....\$3.50

No. 48-43HHF—Heated Hog Fountain With Heater..18 lbs..... 8.70

F. O. B. Quincy, Ill.

MILCOR ALL-STEEL PICK-UP CART



Every family should have one of these handy carts. Fine for hauling feed, dirt, gardening tools, groceries, leaves, ashes, etc. Tilts forward so leaves can be raked in, or heavy objects rolled or pushed in. No stooping or lifting. Distributes load evenly—no strain on arms or back. Sturdily constructed. Smart looking—body painted green; wheels, handle and undercarriage painted orange. Body sides beaded for extra strength.

A real time and labor saver to the poultryman. Holds 100 lbs. of feed.

Top opening 18" x 27". Bottom tapers to width of 16" which facilitates rapid and clean dumping. Capacity 2¾ cubic feet. Has one piece tubular handle. Beaded wheel and nickelplated hub caps. Wheel diameter 10", 1½" rubber tires. Wt. 27 lbs.

No. 48-219—Milcor Pick-Up Cart. Each.....\$6.90
F.O.B. Quincy, Ill.

BROWER'S

STURDY HOG FEEDERS

Armored With High Purity Aluminum • Insulated With Masonite

Built Strong To Give Good Service

Constructed of High Purity Aluminum (99.2% Pure), lined with Masonite. Durable, strong, rustproof. Impervious to moisture. Keeps feeds fresh longer. Prevents any loss in the nutritional values of the vitamins, minerals, or proteins in your feed. Smooth surface of the genuine Masonite Presdwood inside of the hopper eliminates cracks and crevices where feed can become putrid or infested with worms and germs.

Construction Features:

1. Entire Body Armored with High Purity Aluminum. **2.** Bell shaped feed Hopper assures free flow of feed. **3.** All-weather sliding top—no hinges or mechanical gadgets to get out of order. **4.** Heavy 14 gauge steel feeding doors, free action; self-closing. **5.** 2 x 10 skids on base, chemically treated and weather proofed, with tow hooks for easy moving. Inverted "V" bottom armored with high purity aluminum, channel drain between each door eliminates water, assures dry feeding trough. **6.** Built-in feeder "bib" prevents feed waste. **7.** Adjustable Masonite and steel feed regulators—also act as baffle boards to assure automatic agitation of feed.

"Saves 30% of Feed And 13% of Time To Market" —Says U.S. Dept. of Agriculture

The self-feeding of hogs, as accomplished with a feeder constructed like the new Brower Hog Feeder, saves 30 per cent of the feed needed and 13 per cent of the time needed to condition hogs for the market, says the United States Department of Agriculture in bulletin No. 1504.

Also, tests of leading Agricultural Colleges prove the benefits of continuous hog feeding and confirm the fact that a great deal of feed is saved when hogs are self-fed. Besides, hogs are sped to market faster, and arrive at early markets when prices are higher.

The Brower Feeder with its individual hog troughs prevents rooting and wasting of feed. All feed goes into pork production. Smaller, younger hogs can eat and grow, too—plenty of individual troughs at which they can eat.

Feeding conditions are much more sanitary. Eliminates the danger of picking up disease germs from the ground, also danger of spoiled feed.



Sizes and Prices

No. 48-6B—6 ft. Hog Feeder with 12 Feeding Troughs (6 on each side). 2 Hopper Bin Compartments. Capacity, 2520 lbs. Wt. 425 lbs. Price, each. **\$68.50**

No. 48-8B—8 ft. Hog Feeder with 16 Feeding Troughs (8 on each side). 2 Hopper Bin Compartments. Capacity, 3360 lbs. Wt. 535 lbs. Price, each. **\$80.00**

No. 48-B—Extra Partitions for any size feeder. Each. . . **4.00**
F.O.B. Quincy, Ill.

ALL-PURPOSE FEED TRUCKS—Do The Work Of Ten Men



The Value of Time Feed Trucks Save, Soon Pays Their Cost!



Feed Truck With All Steel Body

Save time, labor and money with this strong, rigid feed truck. One trip will do the work of ten men in hand feeding, with the back-breaking toil eliminated. Rolls easily, in and out of aisles and pens. Prevents feed waste. Smooth interior for quick emptying and cleaning—no cracks in which feed can spoil—no uneven surfaces to catch on feed shovel.

CONSTRUCTION—heavy gauge copper bearing steel with heavy angle and channel iron frame, electric welded, reinforced for greatest strength, finished in gray enamel. Pneumatic tires on pressed steel wheels with roller bearings. Zero pressure, puncture proof type tires. Size—68½" long, 24" wide, 24" deep. Holds approximately 16 bushels. Shipping weight 170 lbs.

No. 48-695—Feed Truck. Price each, K.D. **\$78.00**
F.O.B. Quincy, Ill.

All Purpose Feed Truck With Removable Feed Body

All steel feed body on durable truck chassis. Steel body and platform interchangeable. Gives you complete hauling equipment. Dozens of uses around poultry or general farms, hatcheries, feed stores, dairies, factories, warehouses, etc.—haul bulk feed, litter, sacked feed, seeds, milk cans, egg cases, crates, boxes or general merchandise with unusual ease.

CONSTRUCTION—heavy gauge copper bearing galvanized steel with heavy angle and channel iron frame, reinforced and electric welded, finished in gray enamel. Pneumatic type, puncture proof tires on pressed steel wheels with roller bearings. Wheel diam. 12 in., 12 x 3.00 size tires. Over-all size 68½ in. long, 24 in. wide, 24 in. deep. Holds about 16 bu.

No. 48-684—All-Purpose Feed Truck with Feed Body and Platform. Shipping wt., 222 lbs. Price, each. **\$96.60**

No. 48-688—All-Purpose Feed Truck with Platform only. Shipping wt., 102 lbs. Price, each. **56.60**

No. 48-696—All-Purpose Feed Truck with Feed Body only. Shipping wt., 182 lbs. Price, each. **90.00**

F.O.B. Quincy, Ill.

Highly Useful Around Poultry Or General Farms, Hatcheries, Feed Stores, Dairies, Factories, Warehouses, Etc.



OIL BURNING TANK HEATER

*Keeps Stock Tanks
From Freezing in
Sub-Zero Weather*

Every farmer who doesn't want to chop ice this winter needs a Brower Tank Heater! Also, a supply of water at all times of the day means more milk, more butter fat and faster weight gains. The Brower Oil Burning Stock Tank Heater provides plenty of heat to keep water from freezing in sub-zero weather.

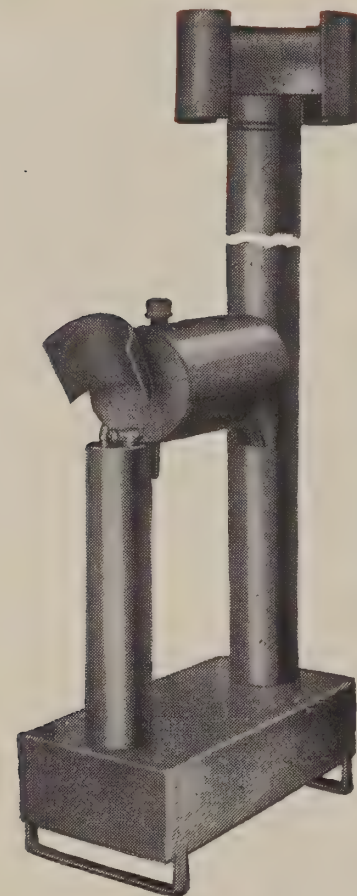
Strong—Sturdy

All steel electrically welded construction — greater heating surface — lower operating cost—fuel saving. Equipped with needle valve control with foolproof burner, weather shield and non down draft wind cap. No intricate parts to get out of order. Positive low cost operation year after year is yours with a Brower Tank Heater. Savings should soon pay cost of heater.

SPECIFICATIONS

Heater chest is 24 inches long; 12 inches wide and 6 inches deep. Overall height of heater is 30 inches. Made of 16 gauge boiler steel. Has 3-gallon removable oil tank. Burns kerosene or distillate. Wt. 45 lb.

No. 48-9015—Tank Heater.
Each.....\$19.80
F. O. B. Quincy, Ill.



HOG OILER

For Faster Gains - Extra Profits

Protects swine from mange, fleas and ticks. Extra profits realized from faster gains can pay for Hog Oiler in a short time. Protects animals from exposure in extreme cold, sheds rain, prevents soaking and keeps animals' hides free from mud.

Economical - Automatic

Entirely automatic. Mange oil is vacuum fed to the rope "rubbing wick." Economical because oil is released in measured quantity. Rope-wound cylinder sways slightly upon contact to prevent too much friction. Oil cannot become contaminated before it reaches wick. Sturdy steel construction. No valves, springs or other gadgets to wear out or replace. Steel base may be fastened to concrete floor or to wood platform. May be used indoors or outside year 'round. For swine of all ages.

Specifications

Overall height of Hog Oiler is 3 ft. 3 inches. Contact surface of wick is 18 inches. Oil container has capacity of seven quarts. Wt. 35 lbs.

No. 48-9030—Hog Oiler. Each \$23.60
F. O. B. Quincy, Ill.



TAPER TOP STERILIZING TANK

No Splashing - No Slopping - Strong and Rigid



Here is one of the most practical and sturdy Sterilizing Tanks ever designed. The bottom of the tank is made round, eliminating corners and making it easy to clean. Splash stays inside of tank. There is no slopping. Fine for cleaning dropping pans, floors, feeders, waterers, milk cans, etc. Made strong and sturdy so that it will stand up under the hardest usage. Constructed of 20 gauge hot galvanized copper alloy steel. Has steel braced angle steel legs bolted to corners. Top and corners of tank are reinforced with angles. Drain in bottom of tank has 3/4" pipe connection. Height from floor 34"; inside measure-

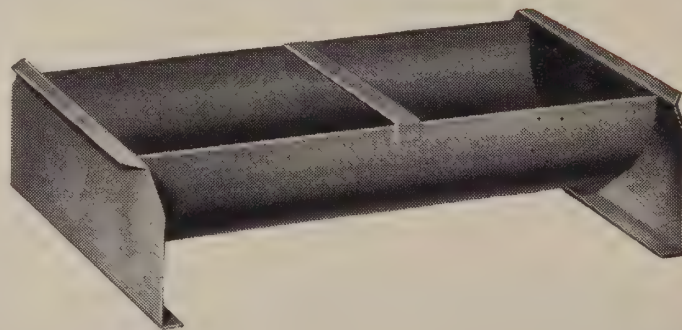
ments, 30" long, 17" high, 16" wide. Weight 51 lbs.

No. 48-35—Sterilizing Tank. Each.....\$14.95
F. O. B. Quincy, Ill.

HEAVY DUTY HOG TROUGHS

Two Popular Models -

16 gauge Steel or 24 gauge Galvanized



16 Gauge Steel Trough is made extra sturdy—impossible for hogs to crush. Electrically welded throughout. Cross brace is stoutly welded and corrugated for added strength. Semi-circular design of trough makes it easy to clean. Has holes in ends for nailing securely to floor or plank. Overall width 18", width of feeding trough 11 1/2", trough depth 5 3/4", stands 7" high.

No.	Size	Wt.	Price
48-9016	—2' 16 ga. Trough	11 lbs.	Ea. \$3.00
48-9018	—4' 16 ga. Trough	20 lbs.	Ea. 4.85

24 Gauge Trough similar in design to 16 gauge trough but edges are beaded for added strength. Made of 24 gauge Electrolytic Galvanized Bonderized Steel. Overall width 11 1/2", trough depth 6".

No.	Size	Wt.	Price
48-24C	—2' 24 ga. Trough	6 lbs.	Ea. \$1.63
48-48C	—4' 24 ga. Trough	9 lbs.	Ea. 2.52

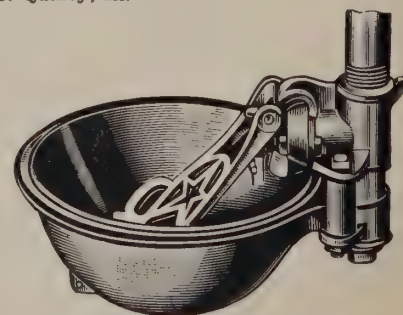
F. O. B. Quincy, Ill.

WATER BOWL

Gives the cow a fresh drink whenever she wants it, with her meals or any other time, day or night. It makes the cow drink more water, handle more feed and give from 10 to 30 per cent more milk. The valve opens and water flows into the bowl as the cow rests her chin on the valve lever. It snaps shut when she stops drinking.

Valve is simple in construction. It is all brass—can't rust, corrode or clog. Round, smooth, iron bowl with no corners, lugs or crevices where dirt might collect or feed gather and sour. Working parts all outside of bowl, allows more room for cow to drink. Easier to get at the parts and easier to clean the bowl. Valve lever lifts clear up out of the way so bowl can be cleaned without taking it off. It is easy to install, easy to clean and easy for cows to work. Tapped for one inch pipe. Wt. 15 lbs.

No. 48-235—Water Bowl and 744 Clamp. Each.....\$5.25
F. O. B. Quincy, Ill.



No. 744 Clamp Bracket furnished with each No. 235 Bowl to fasten to wood or 1 1/2" O. D. Pipe or tubing.

BROWER'S

Ker-O-Kil FLAME THROWER

All-Purpose Weed Burner and Disinfecting Torch

HUNDREDS OF DIFFERENT USES

Quick, economical and practical. Can't be beat for destroying weeds. Kills both annual and perennial, including Johnson Grass, Bermuda, Vines, Morning Glory, White Top, Thistle, Poison Oak, Poison Ivy, Tree Sprouts, Blackberry, and many other growths. Annual weeds are killed with one treatment. It may be necessary to burn perennial weeds twice, but after that you have no more trouble because the Flame Thrower kills weeds, seeds and all.

Quick and Practical for Disinfecting

Using it as a Disinfecting Torch, many poultrymen have discontinued the use of expensive sprays and chemicals. They depend entirely on torches for complete sanitation. Floors, walls and ceilings of brooder and laying houses can be quickly disinfected. The building is made clean and sterile, and dried out at the same time. (About 1,000 sq. ft. can be disinfected in an hour.) Many other uses around poultry farms, dairies, dog kennels, homes, orchards, nurseries, factories, etc. Uses kerosene or distillate. Two different models to suit your needs.

Features of Construction

TANK—All welded, 18 and 20 ga. steel, funnel top, 60-lb. air pressure gauge, powerful air pump, positive check valve. Neoprene oil-resisting gasket, canvas-carrying strap. **HOSE**—Four feet $\frac{3}{8}$ ", oil-resisting. **VALVE**— $\frac{1}{4}$ " bronze needle valve to regulate fuel. **BURNER**—All welded, bronze fittings, steel coil. Flat flame nozzle on No. 48-25. **FLAME TEMPERATURE**—2,000 degrees F. **FUEL**—Kerosene, or stove distillate.

PRICES AND SPECIFICATIONS

	Capacity	Flame Spread	Length Flame	Shipping Weight	Price F.O.B. Quincy, Ill.
48-44—3 Ft. Double Grip Straight Handle.....	4 gal.	18 in.	36 in.	21 lbs.	\$17.80
48-25—Tilted Carrying Handle.....	4 gal.	1 ft.	18 in.	21 lbs.	17.80



Warp's

WINDOW MATERIALS

Let Thru
ULTRA VIOLET LIGHT
The Sunshine Vitamin "D" Rays
HOLD IN HEAT—KEEP OUT COLD
BETTER THAN GLASS

ONLY 51¢
Sq. Yd.

WARPS EXTRA HEAVY FLEX-O-GLASS
GUARANTEED 2 YEARS

ONLY 87¢
Sq. Yd.

WARPS WYR-O-GLASS

ONLY 66¢
Sq. Yd.

WARPS GLASS-O-NET

ONLY 15¢
Sq. Ft.

WARPS SCREEN-GLASS

ONLY 42¢
Sq. Yd.

WARPS WINDOW-FABRIC

ONLY 50¢
Sq. Yd.

WARPS RED VI-O-TEX

ONLY 87¢
Sq. Yd.

WARPS WYR-O-GLASS

ONLY 66¢
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WARPS GLASS-O-NET

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Sq. Yd.

WARPS RED VI-O-TEX

ONLY 87¢
Sq. Yd.

WARPS WYR-O-GLASS

ONLY 66¢
Sq. Yd.

WARPS GLASS-O-NET

ONLY 15¢
Sq. Ft.

WARPS SCREEN-GLASS

ONLY 42¢
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WARPS WINDOW-FABRIC

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BROWER'S

700-LB. LITTLE GIANT

Built For Long Service - Efficiency - Economy



Saves Your Back, and Money, Too

Hand mixing is expensive. The Little Giant will not only save your back, but your money as well. Should easily make a saving of 50c to \$1.00 per 100 lbs., which will easily pay for the Mixer in a short time. Every stock feeder, big or little, should give this Mixer his serious consideration. The Little Giant when equipped with a 1 h.p. motor will handle 700 lbs. at one time of such feeds as laying mash, starting and growing mash, dairy feeds and other feeds of similar bulk, or 350 lbs. of pure concentrates, grains, or other ingredients of similar weight and density. When equipped with a 2 h.p. motor it will handle 700 lbs. of any ingredients. For all 'round mixing we advise the selection of a 2 h.p. motor.

We know of no like amount of money invested, that would make you more money than a Little Giant Mixer. Once you own a Whirlwind Mixer, it will be to you what the combine is to the farmer. If you use but 100 lbs. of feed per day, this Mixer should easily pay for itself in five months' time in savings of money alone—not to say anything of improved feeding results from fresher, evenner, blended feed, also time and energy saved. Brover Mixers are built strong and sturdy. Many of the first models put into use over 15 years ago, are still on the job every day, giving good service, helping their owners to save money and make bigger profits.

Read What Users Say—Pages 60-61

Earn and Save - The Whirlwind Way

Every poultryman, dairyman and general farmer knows the importance of fresh feed, and feeds that contain the right high quality ingredients. By mixing your own feed you get these two big advantages—and at the same time you put the cost of mixing back into your own pocket! (AS MONEY SAVED.)

Your local feed dealer can furnish you a feed concentrate containing the minerals, proteins and trace elements you don't raise. You can mix one of these concentrates with your own home-grown grains, and produce a nutritiously balanced feed for poultry, cattle, hogs or other livestock. Feed formulas are available from various agricultural institutions, and a number of good formulas are furnished with each Mixer.

Mix Your Own Feed—Save Up to \$1.00 Per Bag

Whether you are a dealer mixing feed for resale, or a farmer developing your own feed, you can very profitably own and use a Brover 700-lb. Little Giant Whirlwind Feed Mixer.

In the first place, you will have a feed that perfectly fits your own needs. Different localities have different requirements in regard to various minerals and trace elements, and by having the right proportion of these in every bag of feed, you are making sure that your livestock and poultry are not "shorted" on some essential ingredients.

Also if you are equipped with a good Hammermill, such as a Brover Whirlwind Model, you can utilize your own home-grown grains and proteins (such as soybeans, alfalfa hay, etc.), in your own home-mixed feed. When you use your own home-grown products there are no freight or processing charges added, and you *know* the quality going into every bag of feed you produce. You can mix your own feed—including the cost of home-grown grains, purchased concentrates, and power—at a cost of from 50c to \$1.00 per bag less than you can buy a similar complete feed on the market, saving from \$10 to \$20 per ton.

Fresh-Mixed Feeds Are More Palatable

Every farmer, poultryman, dairyman or other user of mixed feeds knows that *fresh* mixed feeds are more palatable than old stale feeds. This is an important factor because it greatly affects farm profits. Poultry, dairy cows and other livestock will eat more fresh mixed palatable feed. Better weight gains are thereby secured in less time, and greater milk and egg production is the result. This increased production means increased profits—and hundreds of dollars saved yearly!

Only 1½¢ Power Cost Per Mix of 700 Lbs.

All Brover Mixers are designed for economy of operation. Only high-grade bearings are used to insure this result. The Little Giant Mixer when operated with a 1 h.p. motor will mix dairy feeds, laying, starting and growing mashes at an average consumption of ¾ k.w. per hour, or approximately 3c per hour.

Figuring at the mixing rate of two batches per hour, you have a power cost of only slightly more than ½¢ per 100 lbs. of feed at 4c per k.w. Just think, at this rate you can mix 700 lbs. of feed at a power cost of a little over 1½¢ for the entire batch. It would take at least an hour of back-breaking shoveling to mix 700 lbs. of feed by hand, which means that the savings in time and labor would soon pay the price of a Brover Whirlwind Feed Mixer. You must not overlook the fact that with hand mixing it is impossible to get the thorough mix or the even blending of ingredients that you get with the Brover Whirlwind. An evenly blended feed means better feeding results.

Depreciation of equipment is very low as the Little Giant is made to last for years. Normally, depreciation and upkeep should not exceed 2c per day. This would include cost of new belts every two years, also grease and oil, etc. Incidentally, all operating costs should average less than 10c per day with the machine in fulltime operation. These are facts, and we know that no man can afford to delay the installation of this Mixer, even if only a moderately large user of feeds.



Illustrating Ease of Filling With New Extension Hopper.

Whirlwind FEED MIXER

Designed For Poultrymen, Dairymen, Farmers, Feed Dealers

Outstanding "Little Giant" Features

The Little Giant Whirlwind Feed Mixer is built strong to give years of service. 16-gauge steel in body—all seams electric-welded gives sturdier construction—1 h.p. or 2 h.p. motor gives increased power and mixing speed. The removable extension Hopper shown at the right enables operator to more easily dump feed ingredients into Hopper. This Hopper can be easily raised by hand, allowing lower end of auger to clean out all feed after each batch.

The heavy plate glass observation window is conveniently located on side of mixing chamber at eye-level, so that operator can observe blending of mixture.

Has extra large sacking spout, with the same style shut-off as on our large models. 700 lbs. of feed can actually be sacked in 4 minutes' time. Loading can be accomplished in less than 10 minutes. Your time is valuable and you cannot afford to be without this money maker and time saver. The extra saving you make should soon pay cost of mixer.

How the "Little Giant" Operates

Mixes all kinds of dry feed, grain and grass seed. Requires only five to ten minutes to thoroughly mix a 700-lb. batch—is used by feed dealers, seedsmen, dairy farmers and large poultry and stock feeders for mixing 100 to 700-lb. batches of dry grains, seeds of all kinds, whole grains and grains finely or coarsely ground.

The principle is not to stir or tumble the mixture, but to whirl the ingredients in the mixing chamber as shown in the illustration on page 59. Ingredients are loaded into hopper at bottom. Vertical screw conveyor revolves rapidly—lifting ingredients to top where mixing paddle whirls particles to the walls of mixing chamber—and falling to the bottom, is elevated and whirled again and again. The result is a thorough and evenly blended mixture of all ingredients in five to ten minutes.

First start motor and then all you need to do is dump ingredients into hopper. No pre-mixing needed. In less than five minutes your mixture will appear in the observation glass as a uniform mass, and you are ready to swing the Loading Hopper to one side, where it is out of your way while sacking. Illustrations on opposite page show both loading and sacking operations.

Attach sack over lower flanges of Sacker Spout and pull out spout slide. When sack is full merely push slide back into place. In mixing, you can if you so desire, allow mixture to partially escape through spout into Loading Hopper to speed up mix—but this is not necessary. When through mixing one batch, lift hopper, and allow auger to clean out remaining feed as shown at lower right.

How the "Little Giant" Is Built

The three large sturdy legs are of 2"x2"x1/8" heavy angle steel supplying a three-point sturdy suspension, causing mixer to sit firmly. These legs are attached to mixing drum by means of heavy bolts and then braced diagonally for added rigidity. The floor space actually occupied is a triangular space 3 ft. x 3 ft. x 3 ft. Entire Mixing Drum is made of 16-gauge steel with Electrically-Welded Side Seams to render it dustproof.

Top of mixer is fastened on by means of bolts and is removable. Two heavy steel angles support top and also upper Bronze Bearing. Lower Ball Bearing is a high-grade thrust type. Both bearings have convenient lubrication facilities. See view upper righthand corner.

Conveyor Auger is 7 1/2" in diameter and revolves within an 8" housing or tube. A cast-iron sleeve securely connects lower part of drum to auger tube. Lower Ball Bearing is securely seated in a heavy casting block—in turn bolted to base to assure continued alignment.

Lower grease cup is shown at top right. Four bolt holes are provided for bolting Mixer Base to floor. The 1/4" thick observation glass, illustrated at right is cemented into place and then bolted to insure a tight fit.

The large square Sacker Spout is welded and riveted to drum, and is made of 16-gauge steel. Sack-holding flanges are provided and spout closure is easily operated with one hand. Extension hopper permits easy filling.

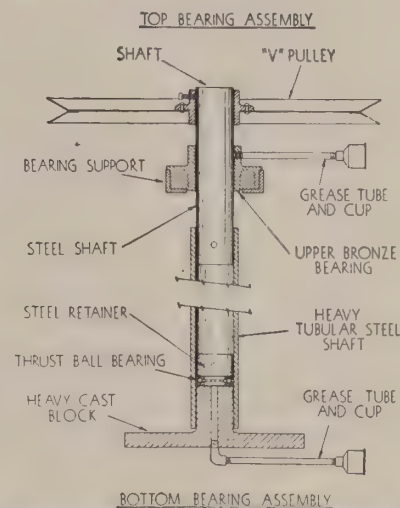
Auger Shaft diameter 1 5/8". Two Auger Shaft Pulleys, "V" type, 12" diameter. Two motor pulleys and two heavy-duty "V" Belts included. The motor offered is optionally 1 or 2 h.p. as ordered and of the brush lifting, single or three phase, repulsion start, induction type with Ball Bearings—Speed 1750 R.P.M.

MEASUREMENTS: Over-all height 7 ft. 11 3/8 in., Sacker Spout to Floor 2 ft. 7 in., and diameter of Mixing Chamber 3 ft. 3 1/2 in.

Prices and Specifications

	Ship. Wt.	Price F.O.B. Quincy, Ill.
No. 48-1700V—700 lb. Mixer (30.2 cu. ft.) V-Belt drive, less motor.....	450 lbs.	\$168.00
No. 48-1HPS—1 h.p. Single Phase Motor, 110-220 Volt, 50-60 Cycle A.C.....	80 lbs.	68.00
No. 48-2HPS—2 h.p. Single Phase Motor, 110-220 Volt, 50-60 Cycle A.C.....	165 lbs.	112.00
No. 48-2HPT—2 h.p. Three Phase Motor, 220-440 Volt, 50-60 Cycle A.C.....	150 lbs.	76.00

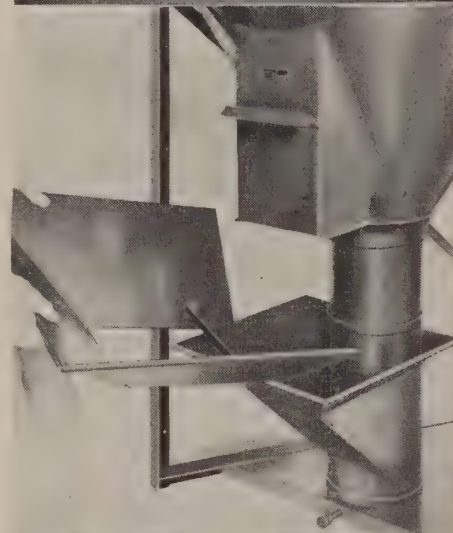
Drawing at right illustrates top and bottom bearing assembly—"V" Pulley—and grease cup arrangement.



Glass observation window at eye level permits inspection of mixed feed.



Extension Hopper easily placed in position—Makes loading easier and faster.



To cleanout Mixer just raise the loading hopper while Mixer is running—Cleaning is automatic.



BROWER'S

GIANT Whirlwind

Below-the-Floor and

2000-LB. AND 3000-LB. CAPACITIES

The Giant Whirlwind - Large Capacity - Fast - Thorough

Here is the Feed Mixer you have been waiting for! The Giant Mixer will mix all kinds of ground feeds and grains quickly—uniformly—at LOW COST! Only ten minutes is required for a thorough blend after the last of the batch is put into the charging hopper. It is possible to mix at the rate of 16 tons of feed in a ton size—18 tons in a 1½-ton size in an eight hour day.

The use of Brower's Giant Whirlwind Feed Mixer not only places you in a position to mix and sell your own brand of feed at a saving to your customer with a greater profit to yourself, but in addition you can make EXTRA PROFITS doing CUSTOM MIXING. Dairymen, poultrymen, hog raisers, and other feeders desire a thoroughly mixed feed in preference to feed mixed by hand, because the even blend helps increase production of milk, pork, or eggs. Also, cattle, hogs and other animals fatten and mature in less time.

Should Earn Up to \$1.00 Per Bag Profit

By mixing home grown grains with a good commercial concentrate, supplement or other ingredients, you can make your own brand of feed—freshly mixed—containing the best of ingredients for the particular stock to be fed. We are able to furnish excellent formulas recommended by various experimental stations. The home-grown grains come direct from the farm to you—you buy the concentrate from a good commercial mill. Your total cost of a 100-lb. bag of ordinary poultry or dairy feed should not be over \$3.50-\$3.75. You sell your own brand for \$4.25-\$4.75 per bag or more, making 50c to \$1.00 per bag. Worth while considering, isn't it? If possible every feed dealer should install a Brower Feed Mixer.

Whirlwinds Are Built for Long Life (See Sectional Views)

Mixing Drum, Conveyor Tube and Hopper constructed throughout of high-grade 16-gauge steel to insure long life. All seams are securely electric-welded and dustproof. The frame is exceptionally rigid, being built of heavy steel angle legs 2" x 2" x ¼", braces 1" x 1" x ⅛". Will give years of rugged service. Outside surface of Mixer finished in red, trimmed yellow. Ton-size Mixers and larger are equipped with New Service Door.

The Below-the-Floor Model

Brower's below-the-floor Giant Whirlwind Mixer is recommended where a large volume of feed is to be handled. The top of Charging Hopper is at floor level. Bags of feed and ingredients are easily dumped into mixer. You can easily and quickly remove all feed remaining at bottom of conveyor sleeve. All-steel floor grill over hopper. All Giant Mixers have the New 12" Conveyor Augers for greater mixing speed. This means a saving in mixing time with lowered production costs—hence an opportunity to increase profits.

Prices and Specifications—2,000-Lb. Giant Whirlwind Mixers

Cat. No.	Description	Shp. Wt.	Price
48-2935V	—2000 lb. Below-Floor model, V-Belt (70.8 cu. ft.).....	990 lbs.	\$407.50
48-2935F	—2000 lb. Below-Floor model, Flat Belt.....	1020 lbs.	426.50
48-2934V	—2000 lb. Above-Floor model, V-Belt (70.8 cu. ft.).....	865 lbs.	366.75
48-2934F	—2000 lb. Above-Floor model, Flat Belt.....	900 lbs.	385.75
48-5HPS	—5 h.p. Single Phase Motor, 110-220 Volt, 50-60 Cycle A.C.....	310 lbs.	208.00
48-5HPT	—5 h.p. Three Phase Motor, 220-440 Volt, 50-60 Cycle A.C.....	195 lbs.	101.00

F. O. B. Quincy, Ill.

Starting Switches also available—write for folder giving full information and prices.

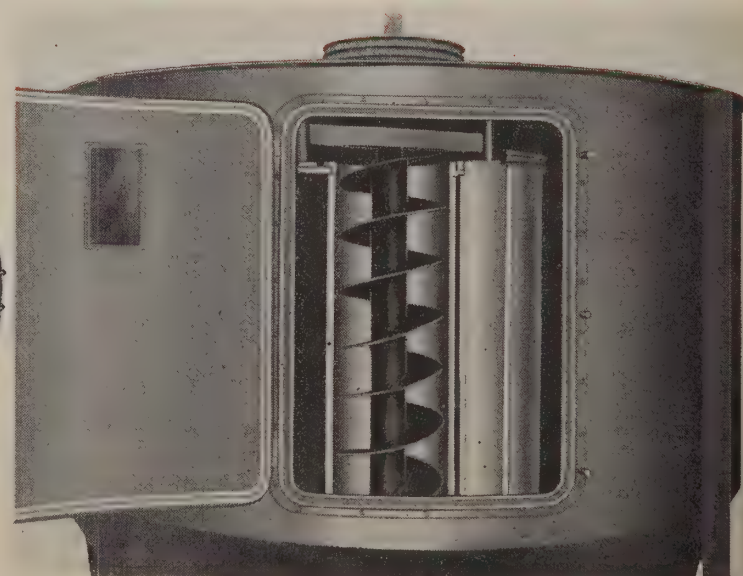
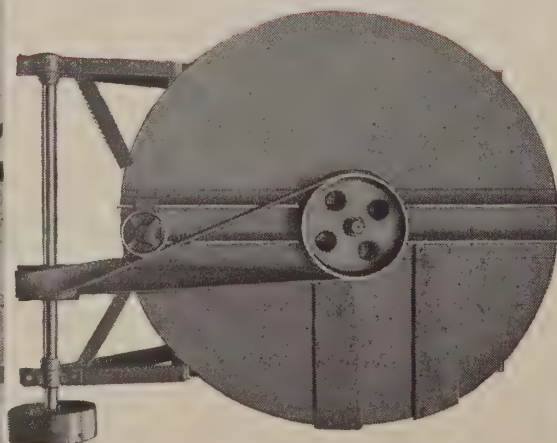
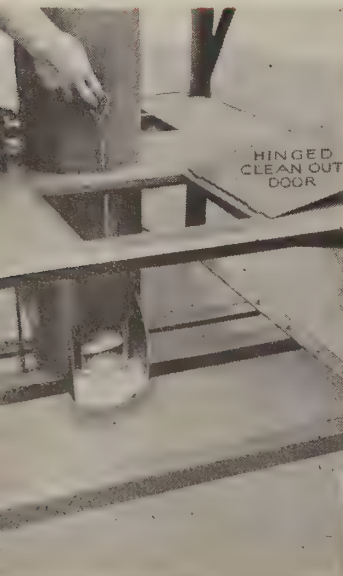
Standard equipment includes one 4-Groove 3" pitch "V" type Pulley with 1½" bore for 5 H.P. Motor, and one large pulley attached to top of conveyor shaft—also four "V" Belts. Pulleys and Belts are furnished whether ordered with or without Motor. Sacker Spout 31" from Floor—12" diameter Conveyor Auger. Motor Speed 1750 R.P.M.—Conveyor Speed 400 R.P.M.

Measurements: Below-Floor Model—overall height 12 ft. 5½ in., floor space at base 4 ft. x 4 ft. Above-Floor Model—overall height 9 ft. 3½ in., floor space at base 3 ft. 8 in. x 3 ft. 8 in. Hopper height 31 in. or 41 in., and diameter mixing chamber 5 ft. 1 in. Pit size for Below-Floor Models—3 ft. 9 in. wide, 3 ft. 9 in. long, 2 ft. 2 in. deep.

(58) Below-Floor Construction

Jack Shaft and Pulleys For Flat-Belt Drive

Hinged Service Door and Hinged Conveyor Sleeve



FEED MIXERS

Above-the-Floor Models

MIXES LARGE OR SMALL BATCHES

The "Giant Whirlwind" is built for big capacity—but it is also suitable for small batch mixing. The ton size has a capacity of 2,000 lbs. mash—the 1½-ton, 3,000 lbs.—and on scratch and similar feeds much more. Small batches of feed in any amount—as little as 100 lbs.—can be mixed with equal ease and an even blend. In addition to the mixing of all grains, mashes, poultry and stock feeds, this Mixer will also handle many kinds of dry ingredients which are to be blended for fertilizer and spraying.

For full capacity operation of the ton Mixer, we recommend a 5 h.p. Motor. A 5 h.p. or a 7½ h.p. Motor is best for the 1½-ton Super-Giant Mixer.

The Whirlwind Mixing Principle, How It Works

Illustration at right shows working parts of Brower's Giant Whirlwind Above-the-Floor Model Feed Mixer. The principle of not stirring or tumbling the mixture, but whirling the various ingredients in the mixing chamber is the same as in other size Whirlwind Mixers. The large 12-in. Vertical Screw Conveyor revolves rapidly, lifts the feed to the top where the mixing paddle whirls it to the outside of the mixing chamber. From there it falls to the bottom, and the process is repeated again and again in the 10 minutes it takes to thoroughly mix a ton of feed. This permits an unusually thorough mix—it means that the feed will contain the proper ingredients in the proper proportion, and likewise every sack will have the same even blend. Convenient eye-level observation window shows clearly the exact conditions of blend.

Charging hopper pivots around lower Conveyor Sleeve, giving easy access to Sacker and Draw-Off Spout. May be swung directly under the bag spout and feed allowed to run, through the Charging Hopper, back into mixing chamber, making a continuous flow. When adding a few pounds of some special ingredient to a batch of ready-mixed feed, this is an especially valuable feature and one that is not to be found on some other types. After all of a mix has been sacked, the hopper may be easily raised six inches by hand, exposing the screw conveyor and allowing the mixer to clean itself in a few seconds' running.

The Above-the-Floor Model

The illustration at right shows our No. 2934-V Ton-size Feed Mixer with new 12-in. auger and above-the-floor charging hopper. Illustrations at lower right show loading hopper—air pressure relief tube—Sacker and how Sacker operates.

Jack Shaft and Flat Belt Drive

Any Giant Mixer can be furnished with Jack Shaft, Endless Belt and a 4-in. face Pulley as illustrated, lower right of opposite page. Customer to furnish drive belt.

Prices and Specifications—3000-Lb. Super-Giant Whirlwind Mixers

Cat. No.	Description	Ship. Wt.	Price
43-3835V	—3000 lb. Below-Floor, V-Belt (108 cu. ft.).....	1300 lbs.	\$489.00
43-3835F	—3000 lb. Below-Floor, Flat Belt.....	1330 lbs.	508.00
43-3834V	—3000 lb. Above Floor, V-Belt (108 cu. ft.).....	1150 lbs.	448.50
43-3834F	—3000 lb. Above Floor, Flat Belt.....	1180 lbs.	467.50
48-5HPS	—5 h.p. Single Phase Motor, 110-220 Volt, 50-60 Cycle, A.C.....	310 lbs.	208.00
48-5HPT	—5 h.p. Three Phase Motor, 220-440 Volt, 50-60 Cycle, A.C.....	195 lbs.	101.00
48-7HPS	—7½ h.p. Single Phase Motor, 110-220 Volt, 50-60 Cycle, A.C....	600 lbs.	293.00
48-7HPT	—7½ h.p. Three Phase Motor, 220-440 Volt, 50-60 Cycle, A.C....	280 lbs.	132.00

F. O. B. Quincy, Ill. Separate folder and price list on starting switches will be sent on request.

Made of
Heavy
16-Gauge
Steel

New 12-in.
Conveyor
Auger

All
Side Seams
Electric-
Welded
Dustproof

No. 2934-V
2,000 Lb.
Above-the-
Floor
Mixer

Over 7,000
Brower
Whirlwind
Feed Mixers
in Use in the
U. S. and
Foreign
Countries!

Feed Draw-Off Spout 31 In. or 41 In.

Sacking Equipment 31 in. above-the-floor as illustrated lower right, is standard on all Giant Feed Mixers. A Draw-off Spout 41 in. above the floor is optional, but must be specified. The 41 in. draw-off is recommended only for Dairymen and others who load the mixed feed directly into a cart or truck instead of bagging.

Standard equipment includes one 4-Groove 3" pitch "V" type Pulley with 1½" bore for 5 H.P. Motor or 1¼" bore for 7½ H.P. Motor, and one large pulley attached to top of conveyor shaft. Also four "V" Belts. Pulleys and Belts are furnished whether ordered with or without Motor. Sacker Spout 31" from Floor—12" diameter Conveyor Auger. Motor Speed 1750 R.P.M. —Conveyor Speed 400 R.P.M.

Measurements: Below-Floor Model—overall height 14 ft. 4½ in., height above floor 11 ft. 2½ in., floor space at base 4 ft. x 4 ft. Diameter of Mixing Chamber 5 ft. 1 in. Above-Floor Model—overall height 11 ft. 2½ in., floor space at base 3 ft. 8 in. x 3 ft. 8 in. Hopper height 31 in. or 41 in., and diameter of Mixing Chamber 5 ft. 1 in. Fit size for Below-Floor Models 3 ft. 10 in. wide, 3 ft. 10 in. long, 2 ft. 2 in. deep.

"V" Belt Power Drive

All Seams Electric Welded

Loading Hopper Sacker

Sacker in Operation (59)



BROWER USERS SPEAK

From Feed Dealers, Poultrymen and Turkey Raisers,

Mixing Their Own Brands, Doing Custom Mixing

1. "Saved Considerable in Labor and Wasted Feed."

Says H. L. Rietman of Pleasant Valley Feed Store at Amarillo, Texas: "Our 'Giant Whirlwind' Mixer is more than satisfactory. We are pleased with its performance. Not only does it mix all kinds of feeds (for we use it on all kinds of mixtures), but it has saved us considerable in labor and wasted feed, over the old method. And, it does a perfect job of mixing under all conditions."

"The enclosed photo shows installation of Mixer, also a few sacks of feed made with it." See view 1 of Mr. Rietman's installation at the upper left.

2. "Giant Whirlwind, One of the Best Mixers Made."

"Regarding the 'Giant Whirlwind' Feed Mixer I purchased from you, I think it is one of the best mixers made. It is very economical to operate and does a better mixing job than any other machine I ever owned or operated. I am sending a picture of the Mixer installed in our feed sales room for use in your catalog."

Very truly yours, Riewe's Grinding Station,
By R. A. Riewe, Hamilton, Texas.

See view 2 of Mr. Riewe's Mixer at the center left.

3. "Has Paid for Itself Many Times Over."

J. O. Coombs & Son, internationally known Kansas breeder of Single Comb White Leghorns, says:

"We have been using a Brower Feed Mixer for nearly 10 years and it has paid for itself many, many times over. More recently when we built a new, up-to-date, modern elevator and feed building we installed Brower Whirlwind Mixers and Brower Hammer-mills, and they have performed equally as well as the old mixer."

"I don't know what we would have done the past two years without this equipment."

Very truly yours, Eustace Coombs.

In view 3 below, Mr. Coombs' son bags a finished batch of **completely mixed feed**.

4. Whirlwind Mixer Helps Hatchery and Feed Store Make Real Profits.

"Without a doubt our 'Giant Whirlwind' Mixer has been one of the best investments we have ever made in the way of equipment. In fact, it saved our business. We were able to make more profit when we began manufacturing our own feed. We made a good feed and it went over with a bang!"

Smith's Hatchery and Feed Store, El Paso, Texas.

See the Smith Mixer installation at the lower center.

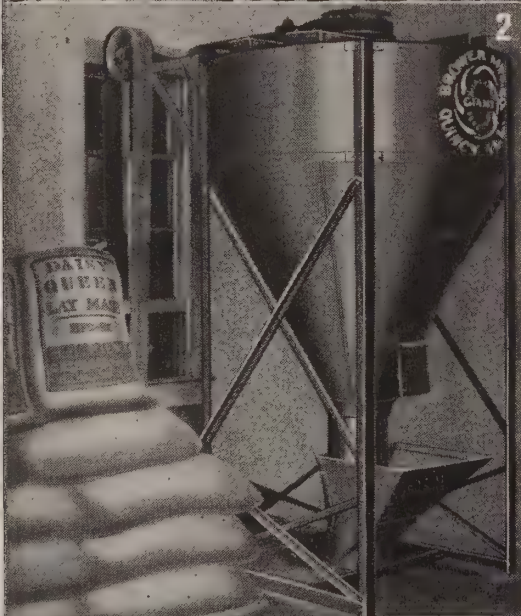
5. "Gives Perfect Mix in 15 Brands of Feed."

Writes C. S. Roco of the Hou-Tex Grain Company of Houston, Texas: "I am writing you to tell you of our experience with your 2,000-pound Feed Mixer we purchased from you two years ago. This mixer has been the salvation of our business. We did not think feed could be mixed in this type mixer, but will say it gives a perfect mix in all of our feeds. We mix fifteen brands of feed under our trade name, Hou-Tex. We also find this mixer will handle molasses in dairy feeds, if the molasses is mixed in another feed before putting it in the mixer."

"When we sell to a new customer we take him back to our Brower Mixer and show him the operation of the Mixer so he can see he is getting a perfectly mixed feed. We also mix grains for scratch feed. After the grains are mixed we let the grains run back into the mixer and set a fan about three feet in front of the flow of grain and clean them perfectly. We also clean seeds, oats, etc., this way. Would not sell this mixer at any price if we could not replace it."

See view 5, lower right.

Yours truly, C. S. Roco.



FROM EXPERIENCE

Dairymen, Hatcherymen and General Farmers

And Mixing Their Own Poultry and Dairy Feeds

6. "Savings of About \$15 Per Week"—6,000 Chickens.

View 6, lower left, shows Tony Cirrone's Giant Whirlwind Feed Mixer, located at Santa Cruz, California. Read what Mr. Cirrone has to say:

"I am more than pleased with my 'Giant Whirlwind' Feed Mixer. My savings since I have installed this mixer have been about \$15.00 per week, or \$5.00 per ton. I have six thousand chickens to take care of. Again, I wish to say I am well pleased with everything. Sorry I did not install the Mixer sooner."

7. Mixing for 200 Cows—2,500 Turkeys—3,000 Laying Hens—300 Hogs.

The Arkansas State Hospital Farm at Benton, Arkansas, is using a one-ton Whirlwind at the Dairy Barn, and a ½-ton size at the Poultry House. They mix feed for 200 head dairy cattle, 2,500 turkeys, 3,000 laying hens and 300 hogs. See illustration 7, lower center.

8. "Saves \$15 or More per Ton," Says Sullivan.

Harold Sullivan operates a Poultry Farm at Bryant, Arkansas. Has 2,100 Leghorns and 4,500 Broilers and mixes his feed with a 700-lb. Little Giant Whirlwind. See illustration, lower right. On a recent visit to the farm, Mr. Sullivan said:

"The Brower Mixer has paid for itself several times over on the feed I use for my own farm. It has more than paid for itself on feeds that I mix and sell to my neighbors. I would not care to be in the poultry business without such a mixer. I save \$15.00 or more per ton on my feeds by using your machine."

His father also operates a Brower Whirlwind at the Wonderstate Hatchery and Egg Farm, Bryant, Arkansas. See view 8, lower right.

9. 1½-Ton Mixer Has Mixed 20 Tons of Feed in Eight Hours for 1,200 Cows.

George De Vries of Norwalk, California, is using a No. 3834V above-the-floor model Super Giant Whirlwind to mix feed for his 1,200 dairy cows. He says:

"One man has mixed as much as 20 tons of feed in eight hours." His mixer installation is illustrated as view 9, right center.

10. "One of the Best Investments I Have Ever Made in Equipment."

"Gentlemen: I am more than pleased with my No. 2934V Ton-size Brower 'Giant Whirlwind' Feed Mixer.

"It is one of the best investments I have ever made in the way of equipment. My butterfat test increased three points after I started using the mixer, although the same ingredients were used as formerly.

"It is more sanitary, is easy to operate and will eliminate many of the troublesome conditions which have been caused from improper mixing of the feed. I can truly say that Brower's 'Whirlwind Feed Mixer' will actually pay for itself in a very short time."

Yours very truly, Harm Knevelbaard, Bellflower, Calif.

See view 10 at upper right.

**Let a BROWER WHIRLWIND Help You, Too,
Make GREATER Mixed Feed PROFITS**



BROWER'S

HAMMERMILLS

For Efficient, Economical Feed Grinding

*For Bigger
Profits -
Grind Your
Own Feed -
Grind For
Others, Too*



*Sold on
Brower's
30-Day Trial
Guarantee*

Same Capacity As Much Larger Mills

Here is real economy in a Hammermill ... low first cost ... low operating cost ... and low upkeep. Although built compact to take up little room, these Brower Hammermills have as much capacity as considerably larger machines. Small size requires only 2 H.P., and large size 5 H. P. Motor. Built to turn out a uniform product at lowest possible cost. Two sizes available. The No. 1 Mill is recommended for light grinding and the No. 2 Mill for heavy. See charts below for capacities of each mill. Grinds continuously without attention—with your own arrangement of bins and chutes for feeding the hopper and storing the ground grain. It is economical to operate this way. Easy to change screens. Has "swing" type hammers. Safe, efficient. Don't pay out money to have your feed ground. Grind it yourself and grind feed for others, too. You can do the job quickly and economically with a Brower Hammermill, and it will mean a big additional profit to you.

For Greater Savings—Increased Profits

Install a Brower Mill to boost your Feed Mixer savings. Remember, fresh ground feed is much more profitable and nutritious than stale feed. That's why users are finding these Brower Hammermills a good investment. You, too, would find that it would pay you big dividends to set up to do frequent grinding and mixing. Take advantage of the increased profits that result from the use of Fresh Ground Feed by installing a Brower Hammermill.

Built To Last A Lifetime

Built to stand the punishment of long continued and hard usage regardless of the kind of material or kind of feed you grind. Ball-bearing equipped for free, easy, high speed operation, insuring long life and freedom from care. The Hammers and Hammer-Pins are hard heat-treated steel, interchangeable and reversible, giving four times the life of ordinary hammers. The screens used for grading the size of the feed to be ground are easily changed from one size to another, requiring only the turning of a thumbscrew, lifting the lid, changing the screens and you are ready to go again. Many mills that require from 12 to 20 H.P. give no greater output than these rugged Brower Hammermills requiring only a fraction of this power to operate.

CAPACITY TABLE No. 48-1BHM

SCREEN SIZE	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"
Wheat.....	250-350	400-550	550-750	750-950	850-1050	850-1150	
Shelled Corn.....	300-400	450-600	600-750	800-1000	850-1050	900-1150	
Oats, Barley.....	75-125	125-200	250-350	400-600	650-900		
Ear Corn*			250-350	350-500	450-600	650-800	800-1000
Alfalfa.....	75-125	125-175	175-225	225-325	325-425	425-525	525-650

*Without Shuck, with Shuck, about 20% less.

CAPACITY TABLE No. 48-2BHM

SCREEN SIZE	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"
Wheat.....	450-700	900-1200	1300-1600	1700-2100	2000-2200	2000-2400	
Shelled Corn.....	500-800	1100-1400	1600-1900	1800-2200	2200-2400	2200-2600	
Oats, Barley.....	150-250	250-450	500-800	1000-1300	1300-1600		
Ear Corn*			450-750	600-900	1100-1400	1500-1800	1700-2000
Alfalfa.....	150-250	250-350	350-500	400-700	600-900	800-1100	900-1200

*Without Shuck, with Shuck, about 20% less.

Swivel Spout

When overhead bins are used a SWIVEL spout is necessary. This attachment bolts to the bottom of any form of overhead bin that might be built. The round end is of proper size that ordinary 4" down spout may be used to extend to any length desired.

Automatic Stop

The AUTOMATIC STOP fits between the sides of the feed chute and may be removed easily for feeding ear corn. With the STOP the mill becomes automatic with the use of overhead bins and the operator may go ahead with other work as the mill will stop when the grain in the bin is exhausted. A big time and work saver that will mean greater savings—more profit to the user. Another feature that makes the Brower Hammermill outstanding.

Prices and Specifications

No. 48-1BHM—Mill with Blower and Double Spout Sacker and Dust Arrester, Shipping weight 150 lbs. (Without V-belt drive, Motor Mount or Motor).....**\$76.00**

No. 48-10BHM—Mill with Blower, Sacker and Dust Arrester, V-Belt Drive, Motor Mount and 2 H.P. Single phase 110 volt 60 cycle Motor. Shipping weight 260 lbs.....**\$199.50**

No. 48-2BHM—Mill with Blower, Sacker and Dust Arrester. Shipping weight 200 pounds. (Without V-belt drive, Motor Mount or Motor).....**\$101.50**

No. 48-20BHM—Mill with Blower, Sacker, Dust Arrester, V-Belt Drive, Motor Mount and 5 H.P. Single phase 110 volt 60 cycle Motor, Shipping weight 440 lbs.**\$329.50**

All Prices F.O.B. Quincy, Illinois.

KERRICK KLEANER

Efficient, Low-Cost STEAM CLEANING For the Modern Poultry Farm

Helps Maintain Rigid Sanitation

Helps Reduce Losses From

PULLORUM, COCCIDIOSIS, NEWCASTLE

The Kerrick Kleaner is a steam vapor cleaning machine that produces a driving spray of saturated solution at effective temperatures and pressures to clean and sterilize. Chemical concentrates are injected into the water before heating to produce a potent germ destroying solution. Combat mites, lice and other vermin while thoroughly cleaning surfaces large and small. The cleaning and sterilizing performance of the Kerrick Kleaner is revolutionizing hatchery practice by reducing sanitation costs . . . cutting cleaning time by obsolete hand methods by 50% to 75%. Where systematic and periodic cleaning is accomplished with the Kerrick Kleaner, mortality losses . . . between hatching incubator and shipping crate . . . have been practically eliminated. No longer is there any reason to be without a Kerrick Kleaner.

Combat Pullorum, Coccidiosis, Newcastle and other chick and poult diseases by adopting rigid control methods. Use the Kerrick to clean and sterilize brooder houses, hatching trays and incubators, sun porches, feeders, fountains, screens and racks. Penetrates cracks and crevices; thoroughly cleans all surfaces, large and small.

These Specifications Make KERRICK the Outstanding Steam Cleaner

- 1. OPERATING REQUIREMENTS:** 75 gal. per hour water supply; 110-volt, 50 or 60 cycle single phase electric connection.
- 2. FUEL REQUIREMENTS:** Supply of No. 2 fuel oil, distillate or kerosene, specific gravity 34 to 38.
- 3. CAPACITY:** 75 gallons balanced cleaning solution per hour.
- 4. OPERATING PRESSURE:** 60 to 90 pounds, as desired.
- 5. OVERLOAD PROTECTION:** Thermostatic fuel cut-off insures safety and prevents damage from excessive pressures or temperatures due to water failures.
- 6. SOLUTION TANK:** 6 gallons capacity; sufficient for 4 hours normal operation. Solution supply system includes compound mixer and soap-saver meter; insuring uniformly balanced solution.
- 7. FUEL TANK (Oil Fired):** 6 gallon capacity; (4 hours normal operation.)
- 8. HEATING COIL:** Precision spacing of coil wound in helical pattern provides high thermal efficiency; rapid build-up to working pressures from cold start.
- 9. BURNER SYSTEM (Oil Fired):** Fully automatic, pressure atomizing type; high pressure fuel pump; electric ignition.
- 10. CLEANING GUN:** Special, insulated Kerrick cleaning gun, fitted with swivel handle and standard round nozzle.
- 11. HOSE:** Tested, heat resistant cleaning hose furnished in one 25-ft. length. Also 4½ ft. length of acid resistant hose for use in descaling coil.
- 12. MOTOR:** ¼ h.p., 110 volt, 50 or 60 cycle A.C. furnished as standard equipment.
- 13. DIMENSIONS:** Height, 42 inches, mounted on legs or casters. Width, 18 inches. Length, 36 inches. Weight approx. 470 lbs.

Eight to Ten Times Faster Than Cleaning By Hand

A big time saver—does away with wire brushing, scraping and scrubbing. No more tearing down and reassembling of equipment. The Kerrick Kleaner does the job quickly, thoroughly and economically. It is self contained, streamlined, compact and portable. Equipped with thermostat safety fuel cut-off, pressure atomizing burner, electric ignition and positive displacement pump. High thermal efficiency insures fast pressure build-up, producing full working pressure within 3 to 5 minutes from a cold start. Starts and stops with a flick of switch. Priced to bring efficient, safe and profitable sanitation within the reach of the smallest hatchery operator. Invest in a Kerrick to cut cleaning cost and build profits with improved sanitation. It's an investment that will pay big returns for many, many years.

No. 48-C-OEP Kerrick Kleaner with 25 ft. Kerrick vapor cleaning hose, swivel handle cleaning gun, standard round nozzle and electric cord.

\$437.50

FULL FREIGHT ALLOWED



**Sold on
30-Day
Trial
Guarantee**

"Makes Cleaning A Pleasure"

"The Kerrick Kleaner has given us excellent satisfaction and perfect performance. We have 14 large type incubators and as you can see this would entail a great deal of cleaning. The Kerrick Kleaner has simplified this job to where it is a pleasure instead of a tedious operation. I have seen several other makes in operation but prefer the Kerrick Kleaner."

W. H. Warner
Poehlmann Hatchery

KERRICK KOMPOUNDS

For Faster, More Economical Cleaning

Greatly increases efficiency of Kerrick Kleaner. Designed exclusively for vapor cleaning. Will do more and better cleaning than double the amount of ordinary compounds. 100% active—instantly soluble. Contains no inert ingredients. Maintains uniform solution. No sludge—no scum. Leaves no surface film or streaks. Contains water softening agent that instantly softens 20 grain water. No other softener required. Minimizes service and mechanical difficulties. Increases efficiency of machine. Eliminates clogging of strainers, sticking of pump valves and formation of soap scale.

KERMEED—recommended for cleaning Incubators, Batteries, Poultry Supplies and other heavy duty vapor cleaning. Also fine for removing heavy grease, oil and dirt from automobile and truck motors or chassis, tractors, machinery, walls, etc.

No. 48-5061—Price per 125 lb. container \$20.00
F.O.B. Factory

KERLITE—for light duty vapor cleaning. For use where protection of surface is of prime importance. Unexcelled for routine washing of automobiles, trucks or busses, industrial equipment etc.

No. 48-5057—Price per 125 lb. container \$22.50
F.O.B. Factory

KERFUL—a powerful extra heavy duty compound where consideration for paint or surface being cleaned is secondary to thorough and fast cleaning. Ideal for cleaning tractors, steam shovels, machinery, cement floors, etc.

No. 48-5065—Price per 125 lb. container \$22.50
F.O.B. Factory



HANDLE WITH CARE

Brower's advice is:—"Protect Your Investment." At the very first sign of sickness make every effort toward correction, quickly, surely. Brower's Own Guaranteed Veterinary Remedies take care of poultry difficulties such as round and pin worms, plugged nostrils and clogged throats, birds not doing well, lice, vent picking and others. Should more serious, contagious troubles attack your flock call a veterinarian at once. Remember, every chick costs you money plus housing, equipment, feed, care. An excellent plan, practiced by successful poultry raisers, is to keep Brower's Own Guaranteed Veterinary Remedies on hand, ready for instant use, the moment the need arises. Disease prevention is far cheaper than disease correction. Practice sanitation, feed well and be **SAFE**—and **SAVE**—with Brower's Own Guaranteed Veterinary Remedies.

Kill Round and Pin Worms . . . BOTH with only ONE Brower Nic-O-Phen Tablet

Treat all poultry for feed, vitality and profit robbing round worms—and—for blackhead spreading cecum (pin) worms the easy, safe, low cost Brower way. Brower's Own Guaranteed Veterinary Nic-O-Phen Tablets cost little, save much. Every tablet is a full dose—no medication is wasted. Round and pin worm killing ingredients are discharged, in full force, directly on the worms. Brower Nic-O-Phens kill and expel. They save feed, increase growth, step up egg count, help prevent disease spread. Ingredients in Brower's Own Guaranteed Nic-O-Phens are exact amounts recommended by highest poultry authorities, and used by veterinarians, for positive results.

Brower Nic-O-Phens Kill Round Worms

Round Worms steal feed, stunt growth, delay maturity, rob the egg basket, kill chickens, especially pullets and poults. These contain a full dose of nicotine for killing round worms.

Treat all young chickens and turkeys at 8 to 10 weeks. Treat layers and parent stock twice each year (spring and culling time). Kill both round and pin worms the safe, easy, inexpensive Brower Guaranteed Nic-O-Phen way. Results are positive or money refunded.

No. 48-918—Brower's Own Guaranteed Veterinary Nic-O-Phen Tablets
For pullets, cockerels, turkey poults, laying birds and all domestic fowl. Only one tablet per bird needed.

100 Tablets	\$1.50	500 Tablets	\$5.50
300 Tablets	4.00	1000 Tablets	9.90

Postpaid in U. S. A.

Brower Nic-O-Phens Kill Pin Worms

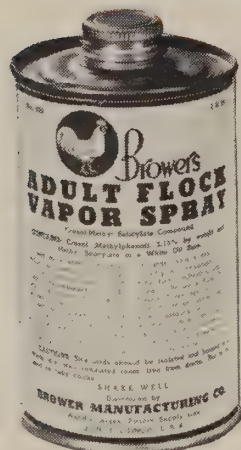
Cecum (pin) Worms spread turkey killing blackhead. Brower Nic-O-Phens contain a full dose of phenothiazine, the only oral medication known today that will kill and expel pin worms.



Underweight birds may be sure signs of round and pin worms. Kill and expel both with Brower Nic-O-Phens.

DON'T LET PLUGGED NOSTRILS KILL YOUR BIRDS

Brower's Own Adult Flock Vapor Spray



At the very first sign of plugged nostrils, clogged throats, in older birds, use Brower's Own Adult Flock Vapor Spray. Contains methylphenol (disinfectant), methyl salicylate (antiseptic). These are combined in bland oil to be sprayed on the heads of poultry with an ordinary household liquid spray gun. These ingredients aid in loosening mucus in the nostrils and throats of adult poultry. Birds with plugged nostrils can't lay well. Clean up profit stealing head troubles in a hurry. Save feed. Get more eggs and broilers from healthy flocks. Use Brower's Own Adult Flock Vapor Spray regularly as a preventive on damp, raw days. Keep it handy for use at all times.

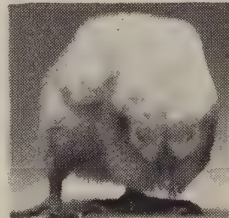
No. 48-820—Brower's Own Adult Flock Vapor Spray

1 pint	\$0.75
6 pints	4.00

Postpaid in U. S. A.



Loosen mucus so birds can breathe.



Spray to prevent this condition.

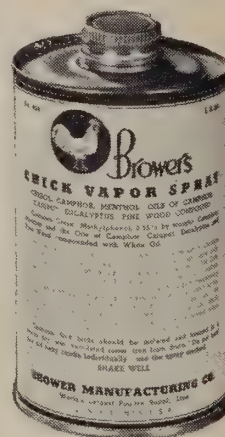
Brower's Own Chick Flock Vapor Spray

Baby chicks, turkey poults, young stock can't stand strong vapor sprays used for adult fowl in relieving plugged nostrils and clogged throats. They need soothing medication. Brower's Own Chick Flock Vapor Spray is mild yet contains effective ingredients. Helps keep baby chicks and turkey poults free from those plugged nostrils and clogged throats that cause hundreds of thousands of deaths yearly. Spray with Brower's Own Chick Flock Vapor Spray on cold, damp days as a preventive and use liberally at the very first sign of a plugged nostril in young stock. Contains such mild, yet effective, ingredients as methylphenol, camphor, menthol, oils of camphor, eucalyptus and pine wood.

No. 48-824—Brower's Own Chick Flock Vapor Spray

1 pint	\$0.75
6 pints	4.00

Postpaid in U. S. A.



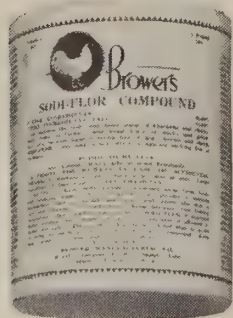
Sodi-Flor KILLS Chicken Lice, Roaches, Water Bugs

Also valuable against lice on dogs, horses, cattle and sheep. Complete instructions on label. Brower's is not an ordinary so-called "louse powder." Contains more than 44% active ingredients. Compare this with only 2% active ingredients in ordinary "louse powders." Big container—enough for 100 adult fowl. Can be sprinkled on, used in dust bath or as a dip. Kills poultry body, head lice and their eggs. Costs less to use because more potent, goes further.

No. 48-938—Brower's Sodi-Flor Louse Powder

1-lb. unit	\$0.50
6-lb. unit	2.75

Postpaid in U. S. A.



Brower's Feed Supplement Mixes with Regular Feeds

One carton enough for complete 10 day feeding for 100 adult birds or 200 chicks. Less than 1c per day for 10 full grown hens and only half this much for young birds. Contains nux vomica, iron oxide, capsicum and other ingredients not ordinarily mixed in home made poultry feeds. For all domestic fowl. Fine for growing stock, pullets, molting hens, convalescing birds. Mixes with dry or moist feeds.

No. 48-830—Brower's Poultry Feed Supplement

1-1/2 lb. carton	\$0.75
6-1/2 lb. cartons	4.00

Postpaid in U. S. A.



ALL BROWER REMEDIES ARE SOLD ON MONEY-BACK GUARANTEE TO BE

TERMS OF SALE AND SHIPPING SERVICE

In the past, our well-trained staff has in most cases maintained a 3 to 5 hours' shipping service. This service is the foundation of Brower's business. We will continue to do our best. However, during these trying times there will be delays

REGULAR TERMS OF SALE—On orders under \$10.00, remit cash. On orders of \$10.00 or more, remit 25% of total value with order; balance payable C.O.D. All prices in this catalog are F.O.B. Quincy, Illinois, unless otherwise specified, and are subject to change without notice.

GUARANTEED DELIVERY OF PARCEL POST SHIPMENTS—An additional charge is made for Guaranteed Delivery of Parcel Post shipments, according to the following rates:

Valuation	Amount	All orders
\$0.01 to \$ 5.00	\$.03+postage	for a return
5.01 to 25.00	.10+postage	addressed
25.01 to 50.00	.15+postage	should have
50.01 to 200.00	.25+postage	the proper
amount included in the remittance for guaranteed delivery and postage.		

TAX—Illinois and California customers must add the correct amount of occupational or sales tax to their orders, as set by state laws. No tax on shipments to other states at present.

FOREIGN TERMS—Cheque with order (U. S. Funds) or deposit of amount of order with agent or banker in New York, San Francisco or any port of embarkation, against shipping documents.

DAMAGES OR SHORTAGES—If a shipment arrives damaged or short any parts, have the delivery agent make a notation of the short age or damage on the bill of lading. If we can assist you in getting settlement of claim we shall be glad to do so.

OVERSEA SHIPMENTS—An Export Boxing Charge... costing 15 to 20%, depending upon

in obtaining many materials, delays in transportation of finished products. It is for this reason we suggest you anticipate your requirements at least 30 days in advance of the time when you will need your equipment.

weight of equipment... is necessary on shipments to all foreign countries, except Canada and Mexico, where U. S. domestic packing is acceptable to the transportation companies.

RETURNED GOODS—In no case do we accept the return of merchandise, unless customer has received permission from our Claim Department, authorizing its return. Merchandise returned without our permission, will be allowed to remain at the freight office at your expense. Be sure to attach letter of explanation to package.

ERRORS—We are very careful in filling all orders; nevertheless, in the rush of business, errors are likely to occur at times. In case of a mistake on your order notify us at once and we will cheerfully and promptly correct it.

The chart below shows the approximate time under normal conditions for Freight, Truck, Express and Parcel Post Shipments and for regular and air mail to reach destination.

STATE	Freight Shipment by Railroad, Truck	EXPRESS SHIPMENTS	PARCEL POST SHIPMENTS	REGULAR LETTER MAIL	LETTER BY AIR MAIL
Alabama	3 to 4 Days	2 Days	2 to 2½ Days	1 Day	12 to 24 Hours
Arizona	4 to 6 Days	2 to 3 Days	4 Days	3 to 4 Days	12 to 24 Hours
Arkansas	3 to 4 Days	1 to 2 Days	2 Days	1 Day	10 to 15 Hours
California	7 to 10 Days	3½ to 4 Days	4 Days	3½ to 4 Days	16 to 20 Hours
Colorado	3 to 4 Days	1 to 2 Days	2 to 3 Days	1 to 2 Days	10 Hours
Connecticut	6 to 7 Days	3 Days	4 Days	2 to 3 Days	12 to 20 Hours
Delaware	6 to 7 Days	2 to 2½ Days	3 Days	1½ to 2 Days	12 to 20 Hours
Florida	5 to 6 Days	2 to 3 Days	4 Days	2 to 2½ Days	10 to 15 Hours
Georgia	4 to 5 Days	2 Days	3 Days	1 to 2 Days	10 to 15 Hours
Idaho	6 to 7 Days	3 Days	4 Days	3 to 3½ Days	16 to 24 Hours
Illinois	6 to 30 Hours	6 to 24 Hours	1 to 2 Days	3 to 12 Hours	1 to 4 Hours
Indiana	1 to 3 Days	1 Day	1 to 2 Days	7 to 16 Hours	4 to 6 Hours
Iowa	1 to 3 Days	1 Day	2 Days	3 to 15 Hours	4 to 6 Hours
Kansas	3 to 5 Days	1 Day	2 Days	8 to 24 Hours	8 to 10 Hours
Kentucky	3 to 5 Days	2 Days	3 Days	8 to 24 Hours	8 to 10 Hours
Louisiana	3 to 5 Days	2 Days	3 Days	1 to 2 Days	10 to 12 Hours
Maine	7 to 9 Days	3 Days	4 Days	3 Days	10 to 12 Hours
Maryland	5 to 6 Days	2 Days	3 Days	18 to 24 Hours	12 to 15 Hours
Massachusetts	6 to 7 Days	3 Days	4 Days	24 to 36 Hours	15 to 18 Hours
Michigan	3 to 4 Days	2 Days	2 to 2½ Days	24 to 30 Hours	10 to 12 Hours
Minnesota	3 to 5 Days	1 to 1½ Days	2 to 2½ Days	12 to 36 Hours	6 to 10 Hours
Mississippi	4 to 5 Days	2 Days	2 to 2½ Days	24 Hours	8 to 10 Hours
Missouri	6 to 30 Hours	6 to 24 Hours	1 to 2 Days	3 to 24 Hours	5 to 6 Hours
Montana	6 to 7 Days	3 Days	4 Days	2½ to 3 Days	12 to 20 Hours
Nebraska	3 to 5 Days	2 Days	2 to 3 Days	12 to 30 Hours	8 to 10 Hours
Nevada	6 to 8 Days	3 Days	4 Days	3 to 4 Days	18 to 20 Hours
New Hampshire	7 to 8 Days	3 Days	4 Days	3 Days	12 to 15 Hours
New Jersey	6 to 7 Days	3 Days	4 Days	24 to 30 Hours	10 to 12 Hours
New Mexico	6 to 8 Days	3 Days	4 Days	2½ to 3 Days	10 to 12 Hours
New York	4 to 6 Days	2 Days	3 Days	1 to 1½ Days	8 to 10 Hours
North Carolina	4 to 5 Days	2 Days	3 Days	2 to 2½ Days	10 to 12 Hours
North Dakota	4 to 6 Days	2 Days	3 Days	1½ to 2 Days	10 to 12 Hours
Ohio	3 to 4 Days	1½ to 2 Days	2 to 3 Days	12 to 24 Hours	5 to 10 Hours
Oklahoma	3 to 4 Days	1 Day	2 to 2½ Days	24 to 36 Hours	6 to 12 Hours
Oregon	7 to 10 Days	3 to 3½ Days	4 Days	3 to 4 Days	24 to 30 Hours
Pennsylvania	4 to 6 Days	2 Days	3 to 4 Days	16 to 30 Hours	6 to 10 Hours
Rhode Island	6 to 7 Days	3 Days	4 Days	24 Hours	10 to 12 Hours
South Carolina	4 to 5 Days	2½ Days	4 Days	2 to 3½ Days	10 to 12 Hours
South Dakota	3 to 5 Days	2 Days	3 Days	18 to 24 Hours	8 to 10 Hours
Tennessee	4 to 5 Days	2 to 2½ Days	3 Days	10 to 30 Hours	6 to 8 Hours
Texas	4 to 7 Days	2 to 3 Days	2 to 3 Days	18 to 36 Hours	10 to 20 Hours
Utah	5 to 7 Days	3 Days	4 Days	3 to 4 Days	16 to 20 Hours
Vermont	6 to 7 Days	2 to 3 Days	4 Days	2 to 2½ Days	15 to 20 Hours
Virginia	4 to 5 Days	2 to 2½ Days	3 Days	1 to 2 Days	7 to 10 Hours
Washington	7 to 10 Days	3 to 3½ Days	5 Days	3 to 3½ Days	24 to 30 Hours
West Virginia	3 to 5 Days	2 Days	3 Days	20 to 30 Hours	6 to 8 Hours
Wisconsin	2 to 4 Days	1 to 1½ Days	2 to 2½ Days	8 to 24 Hours	3 to 6 Hours
Wyoming	5 to 6 Days	2 Days	3 Days	24 to 36 Hours	10 to 12 Hours
Washington, D. C.	4 to 5 Days	2 to 2½ Days	3 Days	18 to 24 Hours	12 to 15 Hours

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1	\$.09	\$.10	\$.11	\$.12	\$.13	\$.15
2	.11	.12	.15	.18	.20	.24
3	.12	.14	.18	.23	.27	.33
4	.13	.16	.22	.28	.34	.42
5	.14	.18	.25	.34	.41	.52
6	.15	.20	.29	.39	.48	.61
7	.16	.22	.32	.44	.56	.70
8	.17	.24	.36	.50	.63	.79
9	.18	.26	.39	.56	.70	.89
10	.19	.28	.43	.61	.77	.98
11	.20	.30	.46	.66	.84	1.07
12	.22	.32	.50	.72	.92	1.16
13	.23	.34	.54	.77	.99	1.26
14	.24	.36	.58	.82	1.06	1.35
15	.25	.38	.61	.89	1.13	1.44
16	.26	.40	.65	.94	1.21	1.53
17	.27	.42	.68	.99	1.28	1.63
18	.28	.44	.72	1.05	1.35	1.72
19	.29	.46	.75	1.10	1.42	1.81
20	.30	.48	.79	1.15	1.49	1.91
21	.31	.50	.82	1.21	1.57	2.00
22	.33	.53	.87	1.27	1.64	2.09
23	.34	.55	.90	1.32	1.71	2.18
24	.35	.57	.94	1.37	1.78	2.28
25	.36	.59	.97	1.43	1.85	2.37
26	.37	.61	1.01	1.48	1.93	2.46
27	.38	.63	1.04	1.53	2.00	2.55
28	.39	.65	1.08	1.60	2.07	2.65
29	.40	.67	1.11	1.65	2.14	2.74
30	.41	.69	1.15	1.70	2.21	2.83
31	.42	.71	1.18	1.75	2.29	2.93
32	.44	.73	1.23	1.81	2.36	3.02
33	.45	.75	1.26	1.86	2.43	3.11
34	.46	.77	1.30	1.92	2.50	3.20
35	.47	.79	1.33	1.98	2.58	3.30



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Third—Put this letter in an envelope, addressing it to us, and put your name in the upper left hand corner. Paste this envelope to the wrapping of the package, under the string.
Fourth—Address the package to us and put your name in the upper left hand corner of the package.
Fifth—Put a 3c stamp on the letter and put sufficient postage as required for parcel post on the package.

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Up to 5 lbs.	.84	.98	1.05	1.11	1.14	1.20
" 10 lbs.	.93	1.20	1.34	1.46	1.52	1.65
" 15 lbs.	1.02	1.43	1.64	1.82	1.91	2.10
" 20 lbs.	1.11	1.65	1.93	2.17	2.29	2.55
" 25 lbs.	1.20	1.88	2.23	2.53	2.68	3.00
" 35 lbs.	1.38	2.33	2.82	3.24	3.45	3.90
" 45 lbs.	1.56	2.78	3.41	3.95	4.22	4.80
" 55 lbs.	1.74	3.23	4.00	4.66	4.99	5.70
" 70 lbs.	2.01	3.90	4.88	5.72	6.14	7.05
" 85 lbs.	2.28	4.58	5.77	6.79	7.30	8.40
" 100 lbs.	2.55	5.25	6.65	7.85	8.45	9.75

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The rates given here were based on actual rates in effect at time this was printed and are subject to change without notice.

Estimated Freight Charges per 100 Lbs.

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Battery Brooders K.D.	.64	.84	1.08	1.36	1.60
Brooders (Coal) K.D.	.64	.84	1.08	1.36	1.60
Brooders (Electric) K.D.	.64	.84	1.08	1.36	1.60
Brooders (Gas) K.D.	.64	.84	1.08	1.36	1.60
Brooders (Oil) K.D.	.64	.84	1.08	1.36	1.60
Feeders, K.D.	.78	1.01	1.29	1.65	1.93
Feeders, S.U.	.91	1.20	1.53	1.94	2.28
Fountains, Galvanized	.91	1.20	1.53	1.94	2.28
Heaters (Hot Water Boilers)	.78	1.01	1.29	1.65	1.93
Incubators	.78	1.01	1.29	1.65	1.93
Insecticides	.78	1.01	1.29	1.65	1.93
Mixers (Feed) K.D.	.78	1.01	1.29	1.65	1.93
Nests, K.D.	.64	.84	1.08	1.36	1.60
Ventilating Equipment S.U.	1.81	2.39	3.05	3.88	4.54

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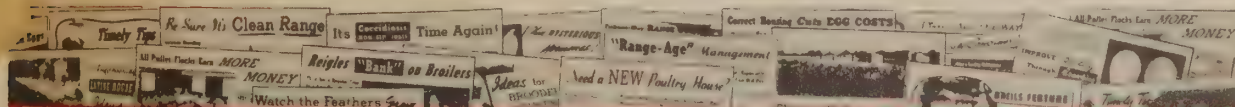
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Dear Friend:

At your request, with this letter we are mailing a copy of our #60 - 1948 Poultry Supply Catalog and Guide describing Brower's, the World's Largest Line of High Quality Nationally advertised Poultry Supplies.

As you are an old or a prospective customer whom we have never had the pleasure of meeting, we want you to know more about the Brower Manufacturing Co. and our business methods. Therefore we invite you to first read letter on page 2 signed by W. J. Brower, our president, explaining our 26 years of service to the poultry and dairy industries. Also note pictures of our vice president, B. J. Brower, and secretary-treasurer, L. J. Brower, sons of W. J. Brower.

See page 3 pictures of six members of our efficient organization ready to take care of your needs. (Normally more than 400 take pride in the manufacturing and selling of Brower's, the World's Largest Line of High Quality Poultry Supplies.) Also be sure to read Brower's 30-Day Trial Guarantee.

For complete information about Brower Battery Brooders, also raising of delicious 2 to 2½ lb. broilers in 7 to 8 weeks, or 3 to 4 lb. fries in 10 to 12 weeks, as well as started poults or pullets up to 3 to 6 weeks, refer to pages 4 to 23 inclusive where you will find reliable and complete information. Brower Battery Way, see page 5, is the Most Efficient Way of Raising Broilers. Also refer to pages 15 to 23 for detail explaining the special brooding construction features of Brower Battery Brooders, and the raising of more and better broilers with less mortality in less time at the lowest costs for labor, feed and electricity.

Brower Battery Brooders prove the cheapest because the money saved daily as compared with brooders of cheaper construction, not properly designed for raising broilers, makes them the cheapest to buy in the outcome regardless of first cost.

Read a few of the many testimonial letters we receive from thousands of customers that use and recommend Brower Batteries and see what they say about them.

Page 7 explains estimated weekly income, also approximate cost of raising broilers weighing 2 lb. Chart also explains how easy it is to increase weekly income from \$7.00 to \$9.00 per 100 broilers. Read about Brower's 4-Week Broiler Plant on page 18. Pages 12 and 13 explain how to increase sales and profits.

SEE CHART A enclosed showing four weeks', six months' and one year's approximate

income on 50 to 500 per week Broiler Plants and how the weekly income should pay for the Brower Plants in from $3\frac{1}{2}$ to 4 months, and also note the large income from 6 to 12 months' continuous operation. Profits can be greatly increased as explained by chart depending upon the price you receive per pound per broiler.

Due to shortage of material and reasons beyond our control, our stocks are limited. To save delay and money and have Batteries on hand when you need them, we advise placing your order at once for shipment now or later.

For your convenience we make it simple and easy for you to make out your order. Just use the postage paid envelope order blank enclosed, but disregard all transportation rates shown thereon. Refer to 4-page folder in catalog which shows latest parcel post, express and freight rates to any locality in the U.S.A. Note chart on page 66 giving time for shipments of orders to reach destination; also time for letters to reach you.

We hope to have the pleasure of receiving your prompt order and to add your name to our list of hundreds of thousands of customers in the U.S.A. and foreign countries that use and recommend Brower High Quality Poultry Equipment that renders years of efficient money saving service long after price is forgotten.

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P.S. Remember Brower's 30-Day Trial Guarantee on page 3 is your Protection!

Brower Broiler Plants
Should Pay For Themselves In $3\frac{1}{2}$ to $4\frac{1}{2}$ Months

This chart explains approximate cost of producing a 2 lb. Battery Broiler, and estimated weekly income from sale of 100 - 2 lb. Broilers, also four weeks', six months' and one year's estimated income, Chart also shows that it requires only $3\frac{1}{2}$ to $4\frac{1}{2}$ months to pay cost of Brower Broiler Plants depending on weekly capacity as shown on this chart. Production cost on 100 - 2 lb. Broilers is figured as follows, as shown on chart, page 7 - 1948 #60 Catalog.

Day-old chick cost, 11¢ each; 6 lbs. of feed to produce 2 lb. Broiler at $5\frac{1}{2}$ ¢ lb., 33¢; electrical expense, 1¢; interest and mortality, 1¢. Total approximate cost of 2 lb. Broiler, 49¢. Selling price 35¢ lb. - 70¢; or estimated profit per Broiler, 21¢ each or \$21.00 per 100.

Estimate of weekly income can be greatly increased from \$7.00 to \$9.00 weekly per 100 broilers by paying 5¢ to 7¢ each for sexed cockerels in place of 11¢ for day-old chicks. Much larger weekly incomes can be added by selling broilers above 35¢ per pound. Note chart, page 7, showing how income can be increased from \$21.00 to \$101.00 weekly per 100 - 2 lb. Broilers.

Note below how in $3\frac{1}{2}$ to $4\frac{1}{2}$ months estimated weekly income will pay cost of Brower Broiler Plants.

Weekly Capacity	4 Weeks' Income	6 Months' Income	1 Year's Income	Cost of Broiler Plant	Time To Pay For Battery Plant
50 Broilers	\$ 42.00	\$273.00	\$546.00	50 per week \$ 200.00	4 1/2 months
100 "	84.00	546.00	1092.00	100 " " 315.20	3 1/2 "
150 "	126.00	819.00	1638.00	150 " " 482.05	3 1/2 "
200 "	168.00	1092.00	2184.00	200 " " 665.00	3 3/4 "
300 "	252.00	1638.00	3276.00	300 " " 954.00	3 2/3 "
500 "	420.00	2730.00	5460.00	500 " " 1576.00	3 1/2 "

Important Notice!

Jan. 1, 1948

Use This Folder To Determine the Most Recent Freight, Express and Parcel Post Rates

All express and freight rates have been recently revised upward, and the latest changes are incorporated in the estimated rate charts shown in this folder.

The estimated express, freight and parcel post charges shown on the business reply Order Blank enclosed are no longer in effect and should not be used.

Brower Manufacturing Company
Quincy, Illinois

Brower's Quick Easy Way To Order By Mail That Saves Time and Delay

Ordering by mail from Brower's Catalog during your spare time, you will save valuable time and labor and be able to select items which we recommend that will render the service you have a right to expect. Remember Brower's 30-Day Trial Guarantee is your protection.

MAKE ORDER OUT THIS WAY

It's simple and easy to make out your order by using order blank in catalog. Please write your name and address plainly and if the shipping point to which you want your order shipped is different from your post office address, give this information on space provided. Do not fail to give catalog number, quantity and price.

PRICES IN THIS CATALOG ARE F.O.B.

Prices in this Catalog, except those marked otherwise, are quoted F.O.B. Quincy, Illinois, or nearest factory shipping point, and you must pay transportation charges from point of shipment. The amount to be paid for parcel post shipments is given on parcel post map (opposite side).

PARCEL POST, FREIGHT AND EXPRESS SHIPMENTS

Parcel Post Shipments

Packages weighing not more than 70 lbs. and not more than 100 inches in length, plus girth (distance around the widest point) can be sent by parcel post with but

few exceptions. (Refer to zone map. It shows amount of postage to place on packages of various weights and zones.) Larger and heavier items can be shipped by Rail Freight, Truck or Express.

Truck Shipments

Before ordering goods shipped by truck, see local representative of a reliable trucking company and be sure the truck line can make proper connections with shipping points.

C.O.D. Freight Shipments

C.O.D. Shipments by freight cannot be made to a railroad station or boat landing where there is no local agent. In this case be sure to send full remittance with order to save time and delay.

Brower's 30-Day Trial Guarantee

Use Any Brower Item for 30 Days

We guarantee every article to be as represented and do what we claim. Use any Brower Item for 30 Days. If it does not do as we represent or claim, we will make good by replacing merchandise or refunding full purchase price.

This Guarantee on Brower merchandise has made the Brower Manufacturing Company one of the world's leaders in the Poultry Supply Line.

The best evidence to prove that the Brower Line of Poultry Supplies will do all, or even more, than we claim, are the thousands of letters of endorsement we have received the past 26 years from customers in U. S. A. and Foreign Countries that use Brower Equipment.

Brower's 30-Day Trial Guarantee Is Your Protection

HOW TO RETURN PARCEL POST PACKAGES TO US

Write a letter at once explaining why you are returning merchandise and if you wish another of the same item in place of it, other merchandise, or money refunded. Be sure to paste your letter on package with a 3-cent stamp on same, also regular parcel post postage on package.

Do not seal package and do not place letter on inside of package, if you do, it will be necessary to pay first class postage on entire weight of package. Be sure to write your return address on package. Refer to zone map, also zone rates, explaining amount of postage to be placed on packages returned of various weights.

RETURN OF FREIGHT OR EXPRESS SHIPMENTS

We request you write us for instructions before returning merchandise as it may be advisable to return some of the items to our warehouse or factories. To save time, when writing, please send all papers pertaining to the purchase and date of purchase.

EXCHANGE OR RETURN OF MERCHANDISE

Any merchandise to be returned where company is not in error is subject to a handling charge of 10% plus transportation charges.

DAMAGES OR SHORTAGES

If a shipment arrives damaged or short any parts, have delivery agent make a notation of damage or shortage on your Express, Freight or Postal Receipt, and you file Claim immediately for amount of damage or loss.

ERRORS—In rush of business, errors are likely to occur. In case of a mistake on your order, notify us at once, and we will promptly correct it free of charge.

HOW TO SEND MONEY

When you send cash, be sure to register it. The easiest and safest way is to buy from your mail carrier or post office, a Post Office Money Order, Express Money Order, Bank Draft or low cost United States Postal Notes. If you have a bank checking account you may send your Personal Check.

TERMS OF ORDER

On Orders under \$10.00 Full Cash with Order. If Order amounts to over \$10.00 we will ship C. O. D. if you send ¼ of the amount of purchase price with order.

When sending payment, remit with Cash, Check, or Money Order.

FOREIGN

Terms on Export Shipments

Because of present conditions, all export orders must be accompanied by bank drafts in U. S. funds, or provision made to ship against letters of credit at New York City, San Francisco, New Orleans, or any other port of embarkation in U. S. A. 33⅓% of value of the order must be added to cover export boxing or crating charges and forwarding charges for shipments made to Western Hemisphere, 40% for Near Eastern points, and 50% for Far Eastern points. Over-payments will be refunded.

PARCEL POST C.O.D. FEES

We do not accept orders for less than \$2.00 to be shipped C. O. D. unless order is for repairs. On C. O. D. Shipments you pay cost of Merchandise plus regular Parcel Post Charges and Post Office C. O. D. Fee, which we must pay the Post Office.

Amount Due	Fee	Amount Due	Fee
\$ 0.01 to \$ 2.50.....	\$.15	\$ 50.01 to \$100.00.....	\$.50
2.51 to 5.00.....	.20	100.01 to 150.00.....	.55
5.01 to 25.00.....	.30	150.01 to 200.00.....	.60
25.01 to 50.00.....	.40		

In addition Post Office charges you Money Order Fee for sending remittance to us.

POST OFFICE MONEY ORDER CHARGE

Postal Money Orders are one of the cheapest ways to remit money.

Amount of Money Order

From—		From—	
\$ 0.01 up to \$ 2.50....	\$.06	\$20.01 up to \$40.00....	\$.15
2.51 up to 5.00.....	.08	40.01 up to 60.00....	.18
5.01 up to 10.00.....	.11	60.01 up to 80.00....	.20
10.01 up to 20.00.....	.13	80.01 up to 100.00....	.22

For amounts over \$100.00 you can purchase additional money orders for exact amount required.

GUARANTEED DELIVERY OF PARCEL POST SHIPMENTS

An additional charge is made for Guaranteed Delivery of Parcel Post shipments, according to the following rates:

\$ 0.01 to \$ 5.00.....	\$.03 plus postage
5.01 to 25.00.....	.10 plus postage
25.01 to 50.00.....	.15 plus postage
50.01 to 200.00.....	.25 plus postage

All orders for cash in advance should have the proper amount included in the remittance for guaranteed delivery and postage.

Estimated Express Rates

Express Shipment is fastest way to ship unmailable or other merchandise. Do not send money to cover charges. Pay charge to agent at your station. Express charges are figured by weight and distance. Quoted below are express charges from Quincy, Illinois, to various points in the United States. Find point nearest you to determine approximate express charges. If in doubt about express charges, call your local express agent. Add 3% Federal Transportation Charges to Express Shipments.

	10 lbs.	25 lbs.	50 lbs.	75 lbs.	100 lbs.
ARIZONA—Phoenix	\$ 1.56	\$ 2.78	\$ 4.80	\$ 6.83	\$ 8.85
ARKANSAS—Little Rock	1.12	1.68	2.60	3.53	4.45
CALIFORNIA—Fresno	1.74	3.23	5.70	8.18	10.65
Sacramento	1.72	3.18	5.60	8.03	10.45
San Diego	1.70	3.13	5.50	7.88	10.25
COLORADO—Denver	1.26	2.03	3.30	4.58	5.85
FLORIDA—Miami	1.41	2.40	4.05	5.70	7.35
Ft. Meyers	1.37	2.30	3.85	5.40	6.95
Tampa	1.33	2.20	3.65	5.10	6.55
GEORGIA—Atlanta	1.19	1.85	2.95	4.05	5.15
ILLINOIS—Cairo	.80	1.17	1.84	2.51	2.68
Chicago	.80	1.12	1.73	2.35	2.48
Danville	.80	1.12	1.73	2.35	2.48
Springfield	.70	.95	1.40	1.80	1.80
IOWA—Davenport	.98	1.33	1.90	2.48	3.05
Des Moines	.99	1.35	1.95	2.55	3.15
KANSAS—Topeka	.99	1.35	1.95	2.55	3.15
MAINE—Augusta	1.39	2.35	3.95	5.55	7.15
MARYLAND—Hagerstown	1.21	1.90	3.05	4.20	5.35
MASSACHUSETTS—Boston	1.31	2.15	3.55	4.95	6.35
MICHIGAN—Lansing	1.12	1.68	2.60	3.53	4.45

	10 lbs.	25 lbs.	50 lbs.	75 lbs.	100 lbs.
MINNESOTA—Austin	\$ 1.05	\$ 1.50	\$ 2.25	\$ 3.00	\$ 3.75
Minneapolis	1.10	1.63	2.50	3.38	4.25
MISSOURI—Jefferson City	.93	1.20	1.65	2.10	2.55
Kansas City	.96	1.28	1.80	2.33	2.85
MONTANA—Butte	1.43	2.58	4.40	6.23	8.05
NEW HAMPSHIRE—Concord	1.35	2.25	3.75	5.25	6.75
NEW YORK—Albany	1.27	2.05	3.35	4.65	5.95
Buffalo	1.19	1.85	2.95	4.05	5.15
NORTH CAROLINA—Raleigh	1.25	2.00	3.25	4.50	5.75
NORTH DAKOTA—Bismark	1.26	2.03	3.30	4.58	5.85
OHIO—Dayton	1.10	1.63	2.50	3.38	4.25
OKLAHOMA—Oklahoma City	1.14	1.73	2.70	3.68	4.65
OREGON—Salem	1.78	3.33	5.90	8.48	11.05
PENNSYLVANIA—Harrisburg	1.23	1.95	3.15	4.35	5.55
Pittsburgh	1.18	1.83	2.90	3.98	5.08
TENNESSEE—Memphis	1.12	1.68	2.60	3.53	4.45
Nashville	1.12	1.68	2.60	3.53	4.45
TEXAS—Dallas	1.18	1.83	2.90	3.98	5.05
San Antonio	1.30	2.13	3.50	4.88	6.25
UTAH—Salt Lake City	1.46	2.53	4.30	6.08	7.85
WASHINGTON—Seattle	1.74	3.23	5.70	8.18	10.65
WASHINGTON, D. C.	1.21	1.90	3.05	4.20	5.35

NOTE—Air Express gives faster service to many points over 150 miles distance. See your local agent for rates.

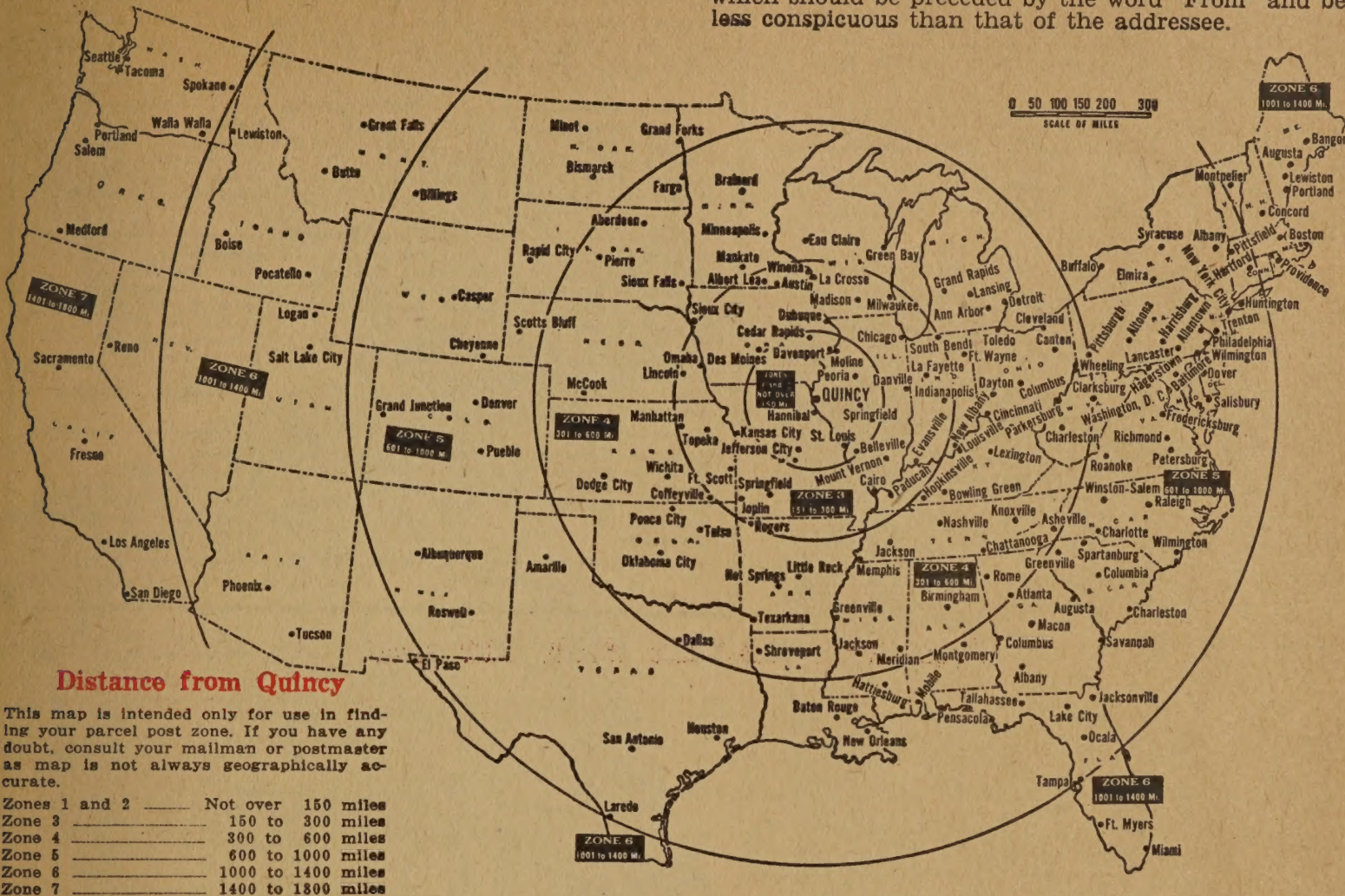
Brower's Quick, Easy Way to Order by Mail, Saves Time and Delay

HANDY WAY TO FIGURE PARCEL POST RATES

Find the weight of your order in the first column of the table below, and to the right of it find the zone in which your post office is located. The map below shows parcel post zones. Note that on packages over 8 ounces the post office figures any part of a pound as the next full pound — for example, if order weighs 12 lbs. 1

ounce, you can include additional purchases weighing up to 15 ounces more without increasing postage cost.

Name and Address of Sender — A parcel post package or fourth-class matter may not be accepted for mailing unless it bears the name and address of the sender, which should be preceded by the word "From" and be less conspicuous than that of the addressee.



Zones and Rates

	1-2	3	4	5	6	7
Shipping Weight	Up to 150 miles	150 to 300 miles	300 to 600 miles	600 to 1,000 miles	1,000 to 1,400 miles	1,400 to 1,800 miles
9 ozs. to 1 lb. —	\$0.09	\$0.10	\$0.11	\$0.12	\$0.13	\$0.15
1 lb. 1 oz. to 2 lbs. —	.11	.12	.15	.18	.20	.24
2 lbs. 1 oz. to 3 lbs. —	.12	.14	.18	.23	.27	.33
3 lbs. 1 oz. to 4 lbs. —	.13	.16	.22	.28	.34	.42
4 lbs. 1 oz. to 5 lbs. —	.14	.18	.25	.34	.41	.52
5 lbs. 1 oz. to 6 lbs. —	.15	.20	.29	.39	.48	.61
6 lbs. 1 oz. to 7 lbs. —	.16	.22	.32	.44	.56	.70
7 lbs. 1 oz. to 8 lbs. —	.17	.24	.36	.50	.63	.79
8 lbs. 1 oz. to 9 lbs. —	.18	.26	.39	.56	.70	.89
9 lbs. 1 oz. to 10 lbs. —	.19	.28	.43	.61	.77	.98
10 lbs. 1 oz. to 11 lbs. —	.20	.30	.46	.66	.84	1.07
11 lbs. 1 oz. to 12 lbs. —	.22	.32	.50	.72	.92	1.16
12 lbs. 1 oz. to 13 lbs. —	.23	.34	.54	.77	.99	1.26
13 lbs. 1 oz. to 14 lbs. —	.24	.36	.58	.82	1.06	1.35
14 lbs. 1 oz. to 15 lbs. —	.25	.38	.61	.89	1.13	1.44
15 lbs. 1 oz. to 16 lbs. —	.26	.40	.65	.94	1.21	1.53
16 lbs. 1 oz. to 17 lbs. —	.27	.42	.68	.99	1.28	1.63
17 lbs. 1 oz. to 18 lbs. —	.28	.44	.72	1.05	1.35	1.72
18 lbs. 1 oz. to 19 lbs. —	.29	.46	.75	1.10	1.42	1.81
19 lbs. 1 oz. to 20 lbs. —	.30	.48	.79	1.15	1.49	1.91
20 lbs. 1 oz. to 21 lbs. —	.31	.50	.82	1.21	1.57	2.00
21 lbs. 1 oz. to 22 lbs. —	.33	.53	.87	1.27	1.64	2.09
22 lbs. 1 oz. to 23 lbs. —	.34	.55	.90	1.32	1.71	2.18
23 lbs. 1 oz. to 24 lbs. —	.35	.57	.94	1.37	1.78	2.28
24 lbs. 1 oz. to 25 lbs. —	.36	.59	.97	1.43	1.85	2.37

Zones and Rates

	1-2	3	4	5	6	7
Shipping Weight	Up to 150 miles	150 to 300 miles	300 to 600 miles	600 to 1,000 miles	1,000 to 1,400 miles	1,400 to 1,800 miles
25 lbs. 1 oz. to 26 lbs. —	.37	.61	1.01	1.48	1.93	2.46
26 lbs. 1 oz. to 27 lbs. —	.38	.63	1.04	1.53	2.00	2.55
27 lbs. 1 oz. to 28 lbs. —	.39	.65	1.08	1.60	2.07	2.65
28 lbs. 1 oz. to 29 lbs. —	.40	.67	1.11	1.65	2.14	2.74
29 lbs. 1 oz. to 30 lbs. —	.41	.69	1.15	1.70	2.21	2.83
30 lbs. 1 oz. to 31 lbs. —	.42	.71	1.18	1.75	2.29	2.93
31 lbs. 1 oz. to 32 lbs. —	.44	.73	1.23	1.81	2.36	3.02
32 lbs. 1 oz. to 33 lbs. —	.45	.75	1.26	1.86	2.43	3.11
33 lbs. 1 oz. to 34 lbs. —	.46	.77	1.30	1.92	2.50	3.20
34 lbs. 1 oz. to 35 lbs. —	.47	.79	1.33	1.98	2.58	3.30
35 lbs. 1 oz. to 36 lbs. —	.48	.81	1.37	2.03	2.65	3.39
36 lbs. 1 oz. to 37 lbs. —	.49	.83	1.40	2.08	2.72	3.48
37 lbs. 1 oz. to 38 lbs. —	.50	.85	1.44	2.14	2.79	3.57
38 lbs. 1 oz. to 39 lbs. —	.52	.88	1.47	2.19	2.86	3.67
39 lbs. 1 oz. to 40 lbs. —	.53	.90	1.51	2.25	2.94	3.76
40 lbs. 1 oz. to 41 lbs. —	.54	.92	1.55	2.30	3.01	3.85
41 lbs. 1 oz. to 42 lbs. —	.56	.94	1.59	2.36	3.08	3.94
42 lbs. 1 oz. to 43 lbs. —	.57	.96	1.62	2.41	3.15	4.04
43 lbs. 1 oz. to 44 lbs. —	.58	.98	1.66	2.46	3.22	4.13
44 lbs. 1 oz. to 45 lbs. —	.59	1.00	1.69	2.52	3.30	4.22
49 lbs. 1 oz. to 50 lbs. —	.64	1.10	1.87	2.79	3.66	4.69
54 lbs. 1 oz. to 55 lbs. —	.70	1.21	2.05	3.07	4.02	5.15
59 lbs. 1 oz. to 60 lbs. —	.75	1.31	2.24	3.34	4.38	5.61
64 lbs. 1 oz. to 65 lbs. —	.81	1.41	2.41	3.62	4.74	6.08
69 lbs. 1 oz. to 70 lbs. —	.87	1.51	2.60	3.88	5.10	6.54

How To Estimate Freight Rates

The charts below will help you estimate rates on your freight shipments of poultry equipment from Quincy, Illinois. First find the class of freight of the items you are ordering, then find your state and the city that is closest to you to determine your approximate rates. If in doubt about freight rates to your city, consult your local freight agent.

Different types of merchandise have different freight rates, which are called 1st class, 2nd class, 3rd class and 4th class rates. If you have a shipment containing items of several different classes it will take the highest class rate, unless you order over 100 lbs. in each class.

Since most railroads make the same charge for carrying less than 100 lbs. as for a full 100 lb. shipment, it is to your advantage to build your order to 100 lbs. or more. The minimum charge per shipment is \$1.00.

The Following Example Will Show You How Easy It Is To Figure Your Freight

If you live near Austin, Minnesota, and order a shipment of Electric Brooders totaling 200 pounds, you first find that the Electric Brooder take the third-class rate, then checking the rate chart to Austin it is found to be 93c per 100 pounds, or \$1.86 for 200 lbs. There is a federal tax of 3% on all freight shipments, so this makes 6c more, plus 10% Emergency Charge, or 19c—a total freight rate of \$2.11.

Be Sure To Add 3% Federal Transportation Tax To All Freight And Express Shipments

ADD 10% EMERGENCY CHARGE TO ALL RATES.

FREIGHT RATES PER 100 Lbs.

ADD 10% EMERGENCY CHARGE TO ALL RATES

	1st Class	2nd Class	3rd Class	4th Class		1st Class	2nd Class	3rd Class	4th Class		1st Class	2nd Class	3rd Class	4th Class
ALABAMA					KANSAS					NEW MEXICO				
Birmingham	2.11	1.79	1.47	1.16	Wichita	1.78	1.51	1.25	.98	Albuquerque	3.37	2.87	2.36	1.85
Montgomery	2.28	1.94	1.59	1.25	Topeka	1.85	1.15	.94	.75	Roswell	3.16	2.68	2.22	1.74
Mobile	2.39	2.03	1.68	1.31	Fort Scott	1.34	1.14	.93	.74	NEW YORK				
ARIZONA					Manhattan	1.46	1.24	1.02	.80	Albany	2.43	2.06	1.70	1.21
Phoenix	5.54	4.79	4.02	3.40	Coffeyville	1.60	1.36	1.13	.88	New York City	2.54	2.16	1.78	1.27
Tucson	5.54	4.79	4.02	3.40	Dodge City	2.16	1.84	1.51	1.19	Syracuse	2.21	1.87	1.54	1.10
ARKANSAS					KENTUCKY					Elmira	2.21	1.87	1.54	1.10
Little Rock	1.96	1.67	1.37	1.08	Louisville	1.47	1.25	1.03	.74	Buffalo	2.03	1.73	1.42	1.02
Texarkana	2.23	1.90	1.56	1.23	Lawling Green	1.32	1.29	1.07	.83	Huntington	2.70	2.29	1.89	1.35
Hot Springs	2.14	1.88	1.51	1.18	Paducah	1.32	1.13	.93	.66	NORTH CAROLINA				
Rogers	1.74	1.48	1.21	.96	Hopkinsville	1.45	1.23	1.02	.80	Ashville	2.35	2.00	1.64	1.30
CALIFORNIA					Lexington	1.47	1.25	1.03	.81	Charlotte	2.49	2.12	1.74	1.37
Fresno	5.54	4.79	4.02	3.40	LOUISIANA					Winston-Salem	2.25	1.91	1.58	1.24
Los Angeles	5.54	4.79	4.02	3.40	Shreveport	2.47	2.11	1.73	1.36	Raleigh	2.27	1.92	1.59	1.25
Sacramento	5.54	4.79	4.02	3.40	Baton Rouge	2.46	2.09	1.73	1.36	Wilmington	2.68	2.28	1.87	1.47
San Diego	5.54	4.79	4.02	3.40	New Orleans	2.50	2.12	1.75	1.37	NORTH DAKOTA				
COLORADO					MAINE					Grand Forks	2.38	2.02	1.67	1.31
Denver	2.81	2.39	1.96	1.54	Lewiston	2.72	2.32	1.90	1.36	Bismarck	2.62	2.23	1.84	1.45
Pueblo	2.78	2.38	1.95	1.53	Portland	2.72	2.32	1.90	1.36	Fargo	2.21	1.87	1.54	1.21
Grand Junction	4.21	3.76	3.30	2.86	Augusta	2.93	2.49	2.05	1.47	Minot	2.82	2.40	1.97	1.56
CONNECTICUT					Bangor	2.93	2.49	2.05	1.47	OHIO				
Hartford	2.57	2.19	1.80	1.29	MARYLAND					Dayton	1.49	1.27	1.04	.75
DELAWARE					Baltimore	2.33	1.98	1.64	1.18	Columbus	1.64	1.40	1.15	.82
Wilmington	2.43	2.06	1.70	1.21	Salisbury	2.57	2.19	1.80	1.29	Cincinnati	1.49	1.27	1.04	.75
Dover	2.54	2.16	1.78	1.27	Hagerstown	2.21	1.87	1.54	1.10	Canton	1.83	1.56	1.27	.92
FLORIDA					Washington, D. C.	2.34	1.98	1.64	1.18	Cleveland	1.78	1.51	1.25	.89
Pensacola	2.50	2.12	1.75	1.37	MASSACHUSETTS					Toledo	1.60	1.36	1.13	.81
Tallahassee	2.65	2.25	1.85	1.46	Boston	2.66	2.25	1.86	1.34	OKLAHOMA				
Jacksonville	2.88	2.45	2.02	1.58	Pittsfield	2.51	2.13	1.76	1.26	Tulsa	1.89	1.60	1.32	1.04
Tampa	3.28	2.79	2.30	1.80	MICHIGAN					Oklahoma City	2.17	1.84	1.52	1.19
Miami	3.68	3.12	2.57	2.02	Lansing	1.58	1.35	1.10	.80	Ponca City	1.92	1.63	1.35	1.05
Lake City	2.92	2.49	1.97	1.56	Detroit	1.67	1.42	1.16	.83	OREGON				
Fort Myers	3.36	2.85	2.35	1.85	Ann Arbor	1.64	1.46	1.15	.82	Portland	6.54	5.65	4.72	3.96
Ocala	3.12	2.66	2.19	1.72	Grand Rapids	1.53	1.30	1.08	.77	Salem	6.54	5.65	4.72	3.96
GEORGIA					MINNESOTA					Medford	6.54	5.65	4.72	3.96
Columbus	2.39	2.03	1.68	1.31	Minneapolis	1.54	1.31	1.08	.85	PENNSYLVANIA				
Albany	2.54	2.16	1.78	1.40	Austin	1.32	1.13	.93	.72	Pittsburgh	1.96	1.67	1.37	.98
Augusta	2.61	2.22	1.83	1.43	Mankato	1.47	1.25	1.03	.81	Altoona	2.09	1.78	1.47	1.05
Savannah	2.92	2.47	2.05	1.60	Winona	1.41	1.20	.99	.77	Harrisburg	2.27	1.92	1.59	1.14
Rome	2.21	1.87	1.54	1.21	Brainerd	1.92	1.63	1.35	1.05	Allentown	2.43	2.06	1.70	1.21
Macon	2.46	2.09	1.73	1.36	Albert Lea	1.38	1.18	.97	.76	Lancaster	2.36	2.01	1.65	1.19
IDAHO					MISSISSIPPI					Philadelphia	2.43	2.06	1.70	1.21
Boise	5.33	4.63	3.84	3.19	Jackson	2.16	1.84	1.51	1.19	RHODE ISLAND				
Pocatello	4.62	3.92	3.24	2.54	Meridian	2.16	1.84	1.51	1.19	Providence	2.66	2.25	1.86	1.34
Lewistown	4.62	3.92	3.24	2.54	Greenville	2.16	1.75	1.45	1.13	SOUTH CAROLINA				
ILLINOIS					Hattiesburg	2.28	1.94	1.59	1.25	Columbia	2.65	2.25	1.85	1.46
Chicago	1.26	1.08	.89	.64	MISSOURI					Greenville	2.54	2.16	1.78	1.40
Springfield	.91	.78	.64	.46	Hannibal	.50	.43	.36	.26	Charleston	2.87	2.44	2.01	1.58
Peoria	.96	.81	.68	.49	Kansas City	1.09	.93	.76	.60	Spartanburg	2.50	2.12	1.76	1.37
Dayton	1.19	1.01	.84	.60	Springfield	1.46	1.24	1.02	.80	Special Freight Rates to West Coast Points				
Mount Vernon	1.34	.98	.80	.58	St. Louis	.96	.81	.68	.49	The following commodities to West Coast points such as Seattle, Wash.; San Francisco, Calif.; Los Angeles, Calif., etc., less carloads, take a rate of \$4.24 per cwt.:				
Moline	1.00	.85	.70	.50	Jefferson City	1.02	.87	.71	.56	Brooders, poultry.				
Cairo	1.33	1.13	.93	.68	Joplin	1.46	1.24	1.02	.80	Feeders, poultry, not nested.				
Bellevue	.96	.81	.68	.49	MONTANA					Hens Nests, K. D.				
INDIANA					Great Falls	4.58	3.90	3.20	2.57	Pipe Caps, poultry house.				
South Bend	1.36	1.15	.96	.69	Butte	4.63	3.94	3.25	2.64	Saddle Stacks, poultry house.				
Ft. Wayne	1.43	1.21	1.00	.72	Billings	4.01	3.41	2.81	2.21	Ventilators, chimney or roof.				
Indianapolis	1.32	1.13	.93	.66	NEBRASKA					Waterers, poultry.				
Evansville	1.30	1.10	.91	.65	Omaha	1.34	1.14	.93	.74					
New Albany	1.47	1.25	1.03	.74	McCook	2.14	1.83	1.51	1.18					
LaFayette	1.24	1.05	.87	.62	Lincoln	1.54	1.31	1.08	.85					
IOWA					Scottsbluff	2.60	2.21	1.81	1.43					
Sioux City	1.49	1.27	1.04	.82	NEVADA									
Dubuque	1.20	1.03	.84	.60	Reno	5.54	4.79	4.02	3.40					
Cedar Rapids	.98	.83	.68	.54	NEW HAMPSHIRE									
Des Moines	1.07	.91	.75	.59	Concord	2.66	2.25	1.86	1.34					
Davenport	1.00	.85	.70	.50	NEW JERSEY									
					Trenton	2.47	2.11	1.73	1.24					

Classes of Freight

All Brower poultry equipment comes under the following freight class. Check below the type of equipment you are ordering, then find the rate to your locality from the large chart giving freight rates per 100 pounds.

1st Class Freight		
Brooder Accessories	Draft Equalizer	Hatchery Supplies
Candlers, Egg	Egg Candler	Sterilamp
Cart, Pickup	Feed Mixers	Thermometers
Chicken Killer	Feeders, Hog	Traps, Mouse & Rodent
Disinfecting Torches	Hammermills	Ventilating Equipment
2nd Class Freight		
Bits, Turkey	Float Valve	Sprayers
Blower Fans	Fountains, Poultry	Steam Cleaners
Chicken Weigher and	Fountains, Hog	Steam Generators
Bleeding Cone	Glass Substitute	Steam Heater, Electric
Cleaner, Steam	Graders, Egg	Stools, Milk
Egg Basket	Lighting Switches	Thermostat Switch
Egg Cleaner	Pickers, Poultry	Turkey Feeder
Egg Graders & Scales	Platform Scale	Weed Burners
Fans	Scales	Wheelbarrow Sprayers
Feeders, Turkey		
3rd Class Freight		
Batteries, Finishing	Extinguishers, Fire	Nests
Batteries, Starting	Feed Trucks	Remedies
Battery Brooder Parts	Feed Scoop	Trap, Nest
Brooders, Electric	Feeders, Chick & Hen	Trucks, Feed
Brooders, Oil	Incubators	Wafers, Thermostat
Cultivator		Wire Guards
4th Class Freight		
Brooder, Coal	Chick Guard, Corrugated	

Special Freight Rates to West Coast Points

The following commodities to West Coast points such as Seattle, Wash.; San Francisco, Calif.; Los Angeles, Calif., etc., less carloads, take a rate of \$4.24 per cwt.:

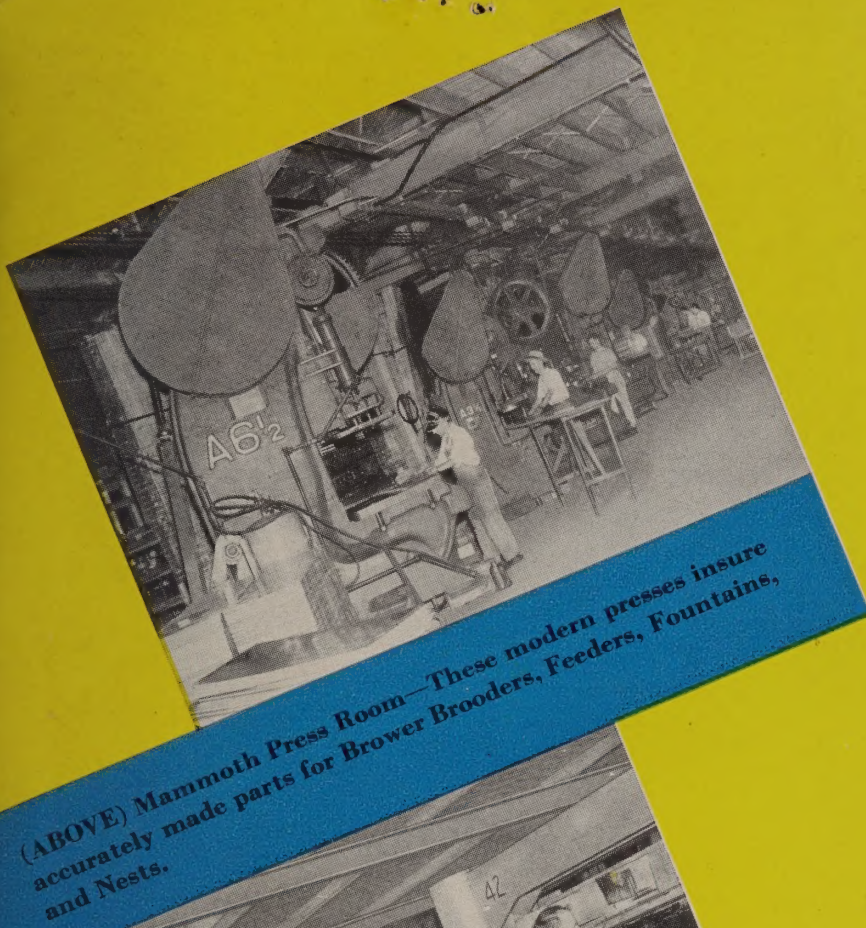
Brooders, poultry.
Feeders, poultry, not nested.
Hens Nests, K. D.
Pipe Caps, poultry house.
Saddle Stacks, poultry house.
Ventilators, chimney or roof.
Waterers, poultry.

Also there is a 10 per cent emergency charge to be added to total freight charges of each Shipment.

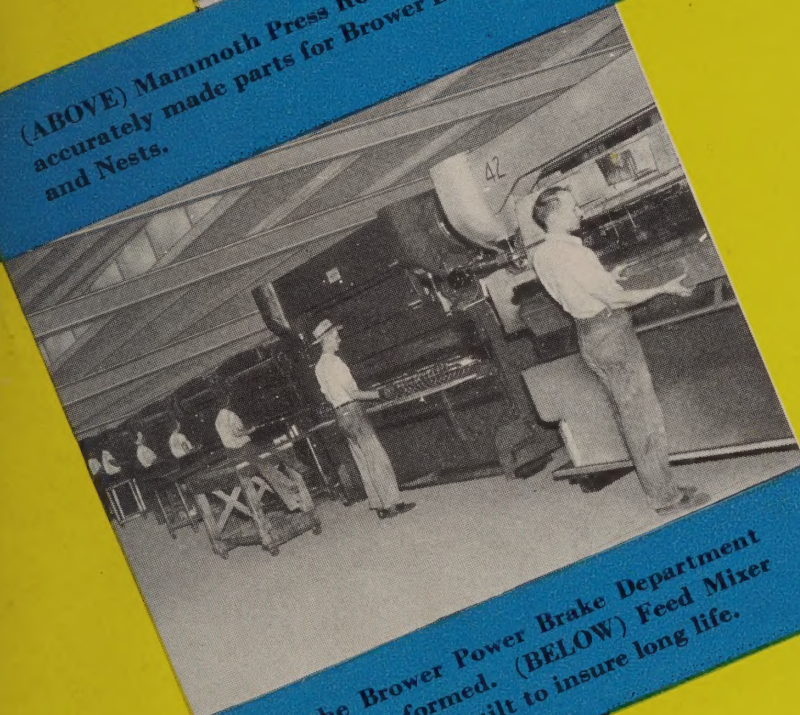
BROWER'S

FOUR MAMMOTH PLANTS

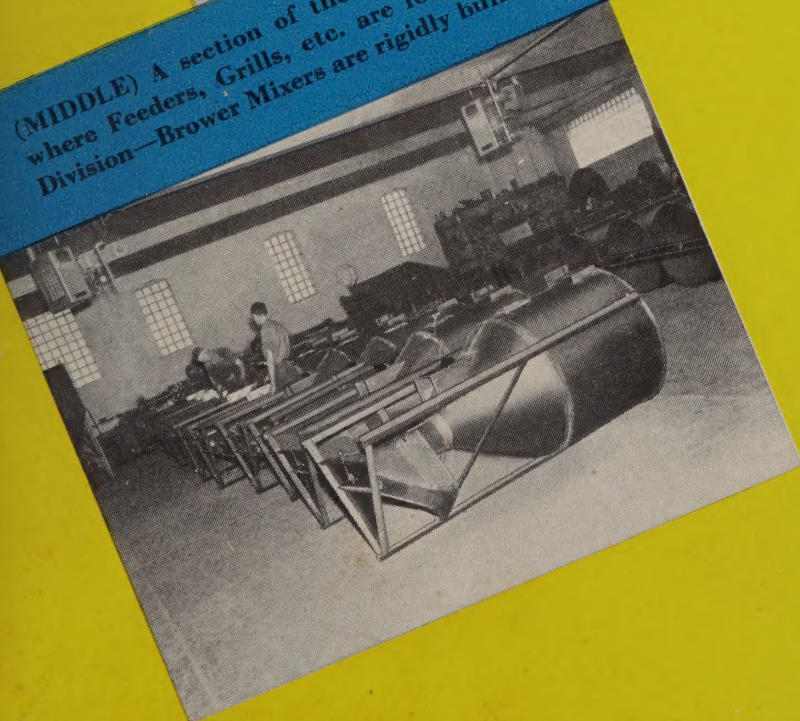
*and Office are modernized
throughout to assure high quality
equipment and service*



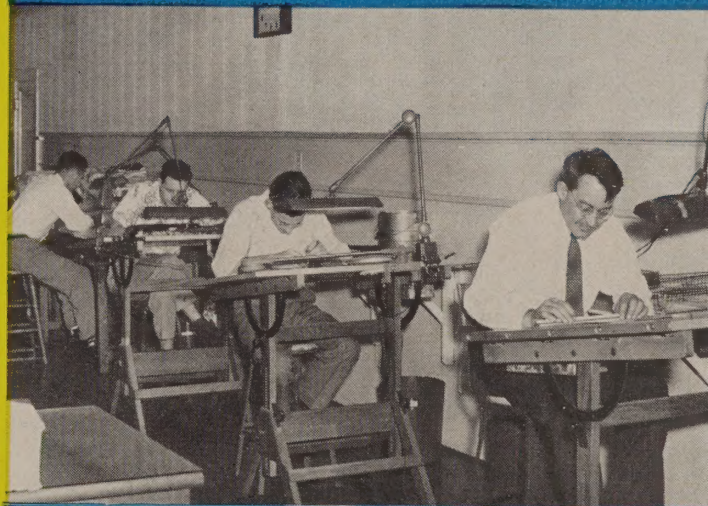
(ABOVE) Mammoth Press Room—These modern presses insure accurately made parts for Brower Brooders, Feeders, Fountains, and Nests.



(MIDDLE) A section of the Brower Power Brake Department where Feeders, Grills, etc. are formed. (BELOW) Feed Mixer Division—Brower Mixers are rigidly built to insure long life.



Planning Department—Brower engineers are constantly at work improving and perfecting the Brower line.



Brower's Main Office—A large, efficient office force assures prompt and careful attention to your orders and letters.

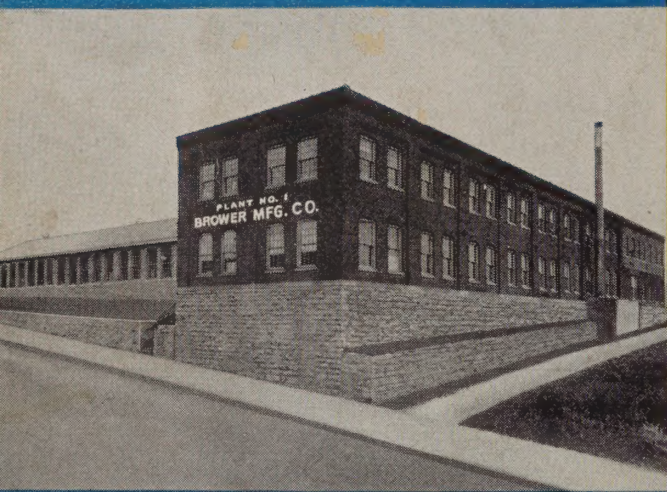


BROWER'S

FACTORIES AND OFFICE

*Home of the
World's Largest Line of
Poultry Supplies*

Brower Plant No. 1—Where Brower Battery Brooder equipment is manufactured. Brower is a pioneer in this field.



Brower Plant No. 2—Where all Brower Brooders, Feeders, Founts, Nests, and many other items are manufactured.



(ABOVE) Brower Plant No. 3—Another big factory and warehouse for manufacturing and storing Brower equipment—the World's Largest Line.



(MIDDLE) Brower Plant No. 4—Where Brower's famous Whirlwind Feed Mixers are made. (BELOW) Brower Main Office and Sales Display Room.

